## In The Matter Of:

Bobby Lewis, and Michael Del Vecchio v. Alabama Department of Environmental Management

> Vol. II June 1, 2016

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Min-U-Script® with Word Index

1 1144	bama Department of Environmental Management		June 1, 2010
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1	BEFORE THE	1	* * * * * * *
2	ALABAMA ENVIRONMENTAL MANAGEMENT COMMISSION	2	APPEARANCES (continued)
3		3	
4	BOBBY LEWIS and MICHAEL DEL	4	Representing the Intervenor:
5	VECCHIO,	5	MR. F. LENTON WHITE, II
6	Petitioners,	6	Attorney at Law City Attorney's Office
7	v. DOCKET NO. 16-01	7	126 North Saint Andrews Street Dothan, Alabama 36303
8	ALABAMA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT, SOLIDWASTE DISPOSAL	8	334.615.3130 lwhite@dothan.org
9	FACILITY PERMIT	9	Twiff Ceedochair. Of g
	Respondent, No. 35-06		
10	CITY OF DOTHAN, ALABAMA,	10	Also Present:
11	Intervenor.	11	
12		12	Mr. Bobby Lewis
13	* * * * * * *	13	Mr. Michael Del Vecchio
14	Volume II of the hearing for the	14	Mr. Phillip D. Davis, PE
15	above-styled action was taken before Patrick R.	15	Mr. Daniel Wells, PE
16	Miller, Alabama Certified Court Reporter,	16	··· ··· /
17	No. 2037, as Commissioner, on Wednesday, June	17	
18	1st, 2016, commencing at approximately	18	
19		19	
20	9:00 a.m., at the Alabama Department of	20	
21	Environmental Management, in the Alabama Room,	21	
22	1400 Coliseum Boulevard, Montgomery, Alabama.	22	
23		23	
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	APPEARANCES  Hearing Officer: THE HONORABLE JAMES F. HAMPTON  Representing the Petitioners:  MR. DAVID A. LUDDER Attorney at Law Law Office of David A. Ludder 9150 McDougal Court Tallahassee, Florida 32312 850.386.5671 davidaludder@enviro-lawyer.com  Representing the Respondent:  MR. ANTHONY TODD CARTER Associate General Counsel Alabama Department of Environmental Management 1400 Coliseum Boulevard Montgomery, Alabama 36110 334.271.7855 atcarter@adem.state.al.us  MR. PAUL CHRISTIAN SASSER, JR.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	* * * * * * * * * * * * * * * * * * *
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	* * * * * * * * * * * * * * * * * * *	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	* * * * * * * * * * * * * * * * * * *
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	bama Department		8		June 1, 2016
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1	* * *	* * * *	*	1	Q. And where are you employed?
2		EXHIBIT INDEX		2	A. Alabama Department of
3	Exhibit		MARKED	3	Environmental Management.
4	J-14 NPDES Gene	ral Permit	532	4	Q. And in what Division?
5		22, 2015 Water Quality	587	5	A. Land Division.
6		to Mr. Stokes	367	6	Q. And is there a branch in the Land
7	R-1 Corps of E	ingineers Permit	507	7	Division that you're employed in?
8	D 2 Desuments	titled Chapter 0	508	8	A. Yes. Solid Waste Branch.
9	R-2 Documents Procedures	titled, Chapter 8, for Variances	506	9	Q. What's your position in the Solid
10		titled, Description,	588	10	Waste Branch?
11	Certificat	1 Water Quality ion		11	A. I am Chief of the Solid Waste
12				12	Engineering Section.
13				13	MR. LUDDER: Okay. Can you hear
14				14	him okay?
15				15	HEARING OFFICER: It's a little
16				16	better. My plan didn't work out that
17				17	well.
18				18	THE WITNESS: Want me to speak up?
19				19	HEARING OFFICER: Speak up, please.
20				20	THE WITNESS: Okay. I'll try.
21				21	Thank you.
22				22	BY MR. LUDDER:
23				23	Q. I'm sorry. You said you were
					•
			Page 341		Page 343
1	* * * *	* * * *	Page 341	1	
1 2			Ç	1 2	Chief of the
	HEARIN	G OFFICER: Okay. G	entlemen,	_	Chief of the A. Solid Waste Engineering Section.
2	HEARIN we are bac	IG OFFICER: Okay. Gok on the record and read	entlemen, ly	2	Chief of the
2	HEARIN we are bac for Day Tv	G OFFICER: Okay. G	entlemen, ly	2	Chief of the A. Solid Waste Engineering Section. Q. Engineering Section?
2 3 4 5	HEARIN we are bac for Day Tv	IG OFFICER: Okay. Gok on the record and read wo of our procedure requ	entlemen, ly	2 3 4	Chief of the A. Solid Waste Engineering Section. Q. Engineering Section? A. Yes. Q. Okay. Are you a professional
2 3 4	HEARIN we are bac for Day Tv I believe it case.	IG OFFICER: Okay. Gok on the record and read wo of our procedure required is still the Petitioners'	entlemen, ly uired.	2 3 4 5	Chief of the A. Solid Waste Engineering Section. Q. Engineering Section? A. Yes. Q. Okay. Are you a professional engineer?
2 3 4 5 6	HEARIN we are bac for Day Tv I believe it case.	IG OFFICER: Okay. Gok on the record and read wo of our procedure requisions still the Petitioners'	entlemen, ly uired.	2 3 4 5	Chief of the  A. Solid Waste Engineering Section.  Q. Engineering Section?  A. Yes.  Q. Okay. Are you a professional engineer?  A. Yes, sir.
2 3 4 5 6 7	HEARIN we are bac for Day Tv I believe it case. Mr. Lude next witne	IG OFFICER: Okay. Gok on the record and read wo of our procedure requisions still the Petitioners' der, are you ready for yours?	entlemen, ly uired. our	2 3 4 5 6 7	Chief of the  A. Solid Waste Engineering Section.  Q. Engineering Section?  A. Yes.  Q. Okay. Are you a professional engineer?  A. Yes, sir.  Q. And how long have you been in the
2 3 4 5 6 7 8	HEARIN we are bac for Day Tv I believe it case. Mr. Lude next witne	IG OFFICER: Okay. Gok on the record and read wo of our procedure requise still the Petitioners' der, are you ready for yours?  DDER: I am. The Petiti	entlemen, ly uired. our	2 3 4 5 6 7 8	Chief of the  A. Solid Waste Engineering Section.  Q. Engineering Section?  A. Yes.  Q. Okay. Are you a professional engineer?  A. Yes, sir.
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2 3 4 5 6 7 8 9	HEARIN we are bac for Day Tv I believe it case. Mr. Lude next witnes MR. LUI call Scott S HEARIN	IG OFFICER: Okay. Gok on the record and read wo of our procedure requisions still the Petitioners' der, are you ready for your series?  DDER: I am. The Petitioners.	entlemen, ly uired. our	2 3 4 5 6 7 8 9	Chief of the A. Solid Waste Engineering Section. Q. Engineering Section? A. Yes. Q. Okay. Are you a professional engineer? A. Yes, sir. Q. And how long have you been in the Solid Waste Section or Solid Waste Branch, I should say?
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6

- 1 writing permit applications.
- 2 Q. Okay. How closely do you
- 3 supervise the work of those under you with
- regard to landfill permits?
- 5 A. Okay. It depends on who it is.
- 6 If we got somebody brand-new, then -- you know,
- 7 then we're really looking over their shoulder
- 8 making sure they know what they're doing, and
- 9 maybe even doing a peer review, stuff like that,
- you know, getting somebody else to look at it.
- But if it's one of my engineers who's been here
- 18 years or so, I'd say he pretty much knows,
- you know, what he's doing. And so -- actually,
- 14 all of my engineers right now are senior
- engineers. They've been here five years plus, I
- 16 guess. And so typically, they have shown, you
- 17 know -- and, you know, that they can handle
- 18 writing permits and -- reviewing the application
- 19 and writing the permits.
- Q. Now, are you familiar with the
- 21 permit application that was submitted by the
- 22 City of Dothan for expansion of their landfill?
- A. Yes, sir.

- 1 It's in Jared Kelly's area.
- Q. Okay. And do you review the
- 3 application any -- at any time after you sign it
- 4 to Jared -- to Jared Kelly?
- 5 A. Not typically, but I can. If
  - there's something that comes up, we've got a
- 7 question about something, or -- or maybe
- 8 something technically looks wrong or
- 9 something -- he's got a question on something,
- and we'll dig around in it. But, typically, the
- 11 engineer is the -- the project engineer is the
- one who looks at the application.
- Q. And do you recall having spent any
- 14 time -- after you assigned this application to
- 15 Jared Kelly, do you recall having spent any time
- 16 reviewing the application?
- A. Not before we got to the -- to the
- 18 draft permit, but after -- when we -- when the
- 19 draft permit came to me to look at, there was a
- 20 couple of questions and -- to remember -- I'm
- 21 not -- I didn't open the whole application, but
- a couple of questions about this or that, and we
- went back and looked at it and saw it. But

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- Q. And how did you become familiar with that?
- A. Anytime a mod comes in, it usually
- 4 comes in straight to me. When the application
- 5 comes in, it comes into me, and so I see it, and
- 6 I know that it's not -- you know, usually the
- 7 simple renewals are the ones that I don't really
- 8 worry too much about, but any kind of
- 9 modification or greenfield, or, you know, a
- brand-new permit or something like that, then
- 11 I'll -- it catches my attention, I'll put it
- 12 that way. And so I was also aware of this one.
- 13 Yes.
- Q. And then you would assign it to
- 15 one of your staff?
- A. Correct. They're broken up into
- 17 areas.
- Q. I'm sorry. They're what?
- A. They're broken up into areas of
- 20 the state.
- Q. The staff are -- the staff are
- broken up?
- A. Yeah, it's in somebody's area.

- prior to that, no. I didn't look at the
- 2 application.
- Q. And did you discuss parts of the
- 4 application with Jared Kelly?
  - A. I would have, yes.
  - Q. Okay. You don't recall what
- 7 parts?

5

6

- 8 A. No, sir. I don't recall exactly
- 9 what they were.
- Q. Do you recall what questions you
- 11 have in regard to the draft permit?
- A. I think it's actually he came into
- me and mentioned about the slope stuff and just
- had questions about that. And I think that
- was -- that was really the only question that we
- 16 had about it.
- Q. Okay. And other than the slope
- 18 discussion, or the slope question that he had,
- did you find the remainder of the draft permit
- 20 satisfactory?
  - A. Yes, sir. I believe I did.
- Q. Okay. Are you familiar with the
- 23 Department's rules, I assume, on the standards

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	Page 348		Page 350
1	that have to be met for a solid waste landfill?	1	ADEM issued public notice on the Dothan
2	A. Yes, sir.	2	landfill?
3	Q. Okay.	3	A. No, sir.
4	A. I know where to find them. I'll	4	Q. Now, that rule specifies that some
5	put it that way.	5	information has to be provided in the
6	Q. I'm sorry?	6	application, correct?
7	A. I know where to find them.	7	A. Yes, sir.
8	Q. Right, right. Let me show	8	Q. And would you turn to Paragraph
9	you it's an exhibit up here. Let me show you	9	(2), which is titled, Water Quality Standards?
10	what's been marked as Exhibit P-6. Are those	10	A. Okay.
11	some of the rules that govern solid waste	11	Q. Before we and if you will, look
12	landfills?	12	at Subparagraph (c) in that paragraph.
13	A. Yes, sir, they are.	13	A. Okay.
14	Q. And in P-6, are there requirements	14	Q. And does that Subparagraph (c)
15	in there for both municipal solid waste	15	deal, at least partially, with wetlands?
16	landfills and construction and demolition	16	A. Yes, sir.
17	landfills?	17	Q. And look at Subparagraph (a).
18	A. Correct.	18	Does that deal with partially with waters or
19	Q. Okay. If you would, turn to Rule	19	I should say, does it deal with waters of the
20	335-13-401.	20	State, including wetlands?
21	A. Okay.	21	A. Yes, sir.
22	Q. Did you find that?	22	Q. All right. In front of you are
23	A. Yes, sir.	23	two exhibit books that we'll be referring to
	Page 349		Page 351
1	Q. Okay. What is that rule about?	1	Page 351 periodically during your testimony. If you
1 2		1 2	
	Q. Okay. What is that rule about?		periodically during your testimony. If you
2	<ul><li>Q. Okay. What is that rule about?</li><li>A. Landfill Unit Siting Standards.</li></ul>	2	periodically during your testimony. If you would, I'm going to direct your attention to
2	<ul><li>Q. Okay. What is that rule about?</li><li>A. Landfill Unit Siting Standards.</li><li>Q. Did you author that rule?</li></ul>	2	periodically during your testimony. If you would, I'm going to direct your attention to Joint Exhibit Number 3, Part II, and do you
2 3 4	<ul><li>Q. Okay. What is that rule about?</li><li>A. Landfill Unit Siting Standards.</li><li>Q. Did you author that rule?</li><li>A. No, sir, I did not.</li></ul>	2 3 4	periodically during your testimony. If you would, I'm going to direct your attention to Joint Exhibit Number 3, Part II, and do you recognize that document?  A. Yes, sir.  Q. Is that part of the permit
2 3 4 5	<ul> <li>Q. Okay. What is that rule about?</li> <li>A. Landfill Unit Siting Standards.</li> <li>Q. Did you author that rule?</li> <li>A. No, sir, I did not.</li> <li>Q. Was it in existence before you started work in the Solid Waste Branch?</li> <li>A. Yes, sir.</li> </ul>	2 3 4 5	periodically during your testimony. If you would, I'm going to direct your attention to Joint Exhibit Number 3, Part II, and do you recognize that document?  A. Yes, sir.  Q. Is that part of the permit application that the City of Dothan submitted to
2 3 4 5 6	<ul> <li>Q. Okay. What is that rule about?</li> <li>A. Landfill Unit Siting Standards.</li> <li>Q. Did you author that rule?</li> <li>A. No, sir, I did not.</li> <li>Q. Was it in existence before you started work in the Solid Waste Branch?</li> <li>A. Yes, sir.</li> <li>Q. Are you aware of any written</li> </ul>	2 3 4 5 6	periodically during your testimony. If you would, I'm going to direct your attention to Joint Exhibit Number 3, Part II, and do you recognize that document?  A. Yes, sir. Q. Is that part of the permit application that the City of Dothan submitted to ADEM?
2 3 4 5 6 7	<ul> <li>Q. Okay. What is that rule about?</li> <li>A. Landfill Unit Siting Standards.</li> <li>Q. Did you author that rule?</li> <li>A. No, sir, I did not.</li> <li>Q. Was it in existence before you started work in the Solid Waste Branch?</li> <li>A. Yes, sir.</li> <li>Q. Are you aware of any written guidance on how to apply the rule that existed</li> </ul>	2 3 4 5 6 7 8 9	periodically during your testimony. If you would, I'm going to direct your attention to Joint Exhibit Number 3, Part II, and do you recognize that document?  A. Yes, sir. Q. Is that part of the permit application that the City of Dothan submitted to ADEM?  A. I believe it is. Yes, sir.
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2 3 4 5 6 7 8 9 10 11	Q. Okay. What is that rule about? A. Landfill Unit Siting Standards. Q. Did you author that rule? A. No, sir, I did not. Q. Was it in existence before you started work in the Solid Waste Branch? A. Yes, sir. Q. Are you aware of any written guidance on how to apply the rule that existed before ADEM issued public notice on the Dothan landfill? A. Could you say that one more time?	2 3 4 5 6 7 8 9 10 11	periodically during your testimony. If you would, I'm going to direct your attention to Joint Exhibit Number 3, Part II, and do you recognize that document?  A. Yes, sir. Q. Is that part of the permit application that the City of Dothan submitted to ADEM?  A. I believe it is. Yes, sir. Q. Okay. Would you turn, if you would, to Section 2.1 in that exhibit. A. I see 2.0.
2 3 4 5 6 7 8 9 10 11 12	Q. Okay. What is that rule about? A. Landfill Unit Siting Standards. Q. Did you author that rule? A. No, sir, I did not. Q. Was it in existence before you started work in the Solid Waste Branch? A. Yes, sir. Q. Are you aware of any written guidance on how to apply the rule that existed before ADEM issued public notice on the Dothan landfill? A. Could you say that one more time? Q. Yeah. Are you aware of any	2 3 4 5 6 7 8 9 10 11 12 13	periodically during your testimony. If you would, I'm going to direct your attention to Joint Exhibit Number 3, Part II, and do you recognize that document?  A. Yes, sir. Q. Is that part of the permit application that the City of Dothan submitted to ADEM?  A. I believe it is. Yes, sir. Q. Okay. Would you turn, if you would, to Section 2.1 in that exhibit.  A. I see 2.0. Q. It should be 2 are you on Page
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. Okay. What is that rule about? A. Landfill Unit Siting Standards. Q. Did you author that rule? A. No, sir, I did not. Q. Was it in existence before you started work in the Solid Waste Branch? A. Yes, sir. Q. Are you aware of any written guidance on how to apply the rule that existed before ADEM issued public notice on the Dothan landfill? A. Could you say that one more time? Q. Yeah. Are you aware of any written guidance on that rule that existed prior to the time that ADEM issued public notice? A. No, sir. I'm not. Q. Are you aware of any written policies on how to implement that rule that existed before ADEM went notice on the Dothan landfill?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	periodically during your testimony. If you would, I'm going to direct your attention to Joint Exhibit Number 3, Part II, and do you recognize that document?  A. Yes, sir. Q. Is that part of the permit application that the City of Dothan submitted to ADEM?  A. I believe it is. Yes, sir. Q. Okay. Would you turn, if you would, to Section 2.1 in that exhibit. A. I see 2.0. Q. It should be 2 are you on Page 2-1?  A. I'm on Page 2. Unless it's on the back here. If you look at it, here's here's the front page. Here's that, here's 2.0, Page 2, and it goes to 3.0. I don't know if it's somewhere further back. It seems like the numbers would get bigger.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. Okay. What is that rule about? A. Landfill Unit Siting Standards. Q. Did you author that rule? A. No, sir, I did not. Q. Was it in existence before you started work in the Solid Waste Branch? A. Yes, sir. Q. Are you aware of any written guidance on how to apply the rule that existed before ADEM issued public notice on the Dothan landfill? A. Could you say that one more time? Q. Yeah. Are you aware of any written guidance on that rule that existed prior to the time that ADEM issued public notice? A. No, sir. I'm not. Q. Are you aware of any written policies on how to implement that rule that existed before ADEM went notice on the Dothan landfill? A. No, sir.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	periodically during your testimony. If you would, I'm going to direct your attention to Joint Exhibit Number 3, Part II, and do you recognize that document?  A. Yes, sir. Q. Is that part of the permit application that the City of Dothan submitted to ADEM?  A. I believe it is. Yes, sir. Q. Okay. Would you turn, if you would, to Section 2.1 in that exhibit. A. I see 2.0. Q. It should be 2 are you on Page 2-1?  A. I'm on Page 2. Unless it's on the back here. If you look at it, here's here's the front page. Here's that, here's 2.0, Page 2, and it goes to 3.0. I don't know if it's somewhere further back. It seems like the numbers would get bigger. Q. I think maybe we're looking at the
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. Okay. What is that rule about? A. Landfill Unit Siting Standards. Q. Did you author that rule? A. No, sir, I did not. Q. Was it in existence before you started work in the Solid Waste Branch? A. Yes, sir. Q. Are you aware of any written guidance on how to apply the rule that existed before ADEM issued public notice on the Dothan landfill? A. Could you say that one more time? Q. Yeah. Are you aware of any written guidance on that rule that existed prior to the time that ADEM issued public notice? A. No, sir. I'm not. Q. Are you aware of any written policies on how to implement that rule that existed before ADEM went notice on the Dothan landfill?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	periodically during your testimony. If you would, I'm going to direct your attention to Joint Exhibit Number 3, Part II, and do you recognize that document?  A. Yes, sir. Q. Is that part of the permit application that the City of Dothan submitted to ADEM?  A. I believe it is. Yes, sir. Q. Okay. Would you turn, if you would, to Section 2.1 in that exhibit. A. I see 2.0. Q. It should be 2 are you on Page 2-1?  A. I'm on Page 2. Unless it's on the back here. If you look at it, here's here's the front page. Here's that, here's 2.0, Page 2, and it goes to 3.0. I don't know if it's somewhere further back. It seems like the numbers would get bigger.

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	Page 352		Page 354
1	Q. Yeah, that's the static stability	1	THE WITNESS: Oh, the plans
2	analysis. Wrong one.	2	indicate that there are. I haven't
3	A. Okay. Okay. I did recognize it	3	gone up there and looked at it.
4	though.	4	BY MR LUDDER:
5	Q. Yeah, good. All right. Let me	5	Q. And do you know that there are
6	refer you now to Exhibit Joint Exhibit Number	6	streams, or waters of the State, within the
7	3, Part I. And now ask you if you can find	7	footprint of the landfill expansion?
8	Section 2.1.	8	MR. WHITE: Objection.
9	A. I think I've found it this time.	9	HEARING OFFICER: Overruled.
10	Q. Now, is that document, Joint	10	A. If a wetland is a water of the
11	Exhibit Number 3, Part I, is that part of the	11	State, then I guess so. I'm not sure if there
12	permit application the City of Dothan submitted	12	is a stream flowing through there or not, but
13	to ADEM for this landfill?	13	there very well could be.
14	A. Yes, sir, I believe it is.	14	Q. Okay. Have you well, did you
15	Q. Okay. Would you read the first	15	review any of the drawings in your in your
16	sentence in Section 2.1?	16	A. I have looked through the
17	A. All right. 2.1 is Wetlands	17	drawings, yes, sir.
18	Assessment. And it says, ADEM Administrative	18	Q. You have? Let me show you what's
19	Code 335-13-401(2) prohibits municipal solid	19	been marked as Exhibit P-5. Have you seen this
20	waste landfills in wetlands or any location	20	drawing before?
21	where the disposal of solid waste would degrade	21	A. Yes, sir. Not this big, but I
22	wetlands.	22	have seen it.
23	Q. And would you read the last	23	Q. Not what?
	Dags 252		Dogo 255
	Page 353		Page 355
1	sentence in that section?	1	A. This big.
2	A. Wetlands that are found within the	2	Q. Oh, not this big? Okay. Have you
3	proposed footprint of the landfill will be	3	seen it in color before?
4	avoided until all required permitting is	4	A. I don't think so.
5	obtained.	5	Q. Okay. Can you find the proposed
6	Q. All right. And do you know if a	6	landfill expansion on that diagram?
7	wetlands assessment was provided?	7	A. It's right here.
8	A. For as far as the application?	8	Q. And you're pointing to a green
9	Is that what you're saying?	9	section?
	~ **		
10	Q. Yes.	10	A. Oh, do I have to describe it? I'm
11	A. Yes, sir. I believe I believe	11	A. Oh, do I have to describe it? I'm pointing at the green section of this map right
11 12	A. Yes, sir. I believe I believe it was.	11 12	A. Oh, do I have to describe it? I'm pointing at the green section of this map right here. It says, Proposed MSW Landfill Expansion.
11 12 13	A. Yes, sir. I believe I believe it was.  Q. Okay. Are you familiar with that	11 12 13	A. Oh, do I have to describe it? I'm pointing at the green section of this map right here. It says, Proposed MSW Landfill Expansion.  Q. Okay. We've had some argument
11 12 13 14	A. Yes, sir. I believe I believe it was. Q. Okay. Are you familiar with that wetlands assessment?	11 12 13 14	A. Oh, do I have to describe it? I'm pointing at the green section of this map right here. It says, Proposed MSW Landfill Expansion.  Q. Okay. We've had some argument about what color that is, so
11 12 13 14 15	A. Yes, sir. I believe I believe it was.  Q. Okay. Are you familiar with that wetlands assessment?  A. That we got it, yeah. That's	11 12 13 14 15	A. Oh, do I have to describe it? I'm pointing at the green section of this map right here. It says, Proposed MSW Landfill Expansion.  Q. Okay. We've had some argument about what color that is, so  HEARING OFFICER: It's green.
11 12 13 14 15	A. Yes, sir. I believe I believe it was.  Q. Okay. Are you familiar with that wetlands assessment?  A. That we got it, yeah. That's about the extent of it.	11 12 13 14 15	A. Oh, do I have to describe it? I'm pointing at the green section of this map right here. It says, Proposed MSW Landfill Expansion.  Q. Okay. We've had some argument about what color that is, so  HEARING OFFICER: It's green.  MR. LUDDER: It's green. It's
11 12 13 14 15 16	A. Yes, sir. I believe I believe it was.  Q. Okay. Are you familiar with that wetlands assessment?  A. That we got it, yeah. That's about the extent of it.  Q. Okay. Do you know if there are	11 12 13 14 15 16	A. Oh, do I have to describe it? I'm pointing at the green section of this map right here. It says, Proposed MSW Landfill Expansion.  Q. Okay. We've had some argument about what color that is, so  HEARING OFFICER: It's green.  MR. LUDDER: It's green. It's officially green.
11 12 13 14 15 16 17	A. Yes, sir. I believe I believe it was.  Q. Okay. Are you familiar with that wetlands assessment?  A. That we got it, yeah. That's about the extent of it.  Q. Okay. Do you know if there are wetlands within the footprint of the proposed	11 12 13 14 15 16 17	A. Oh, do I have to describe it? I'm pointing at the green section of this map right here. It says, Proposed MSW Landfill Expansion.  Q. Okay. We've had some argument about what color that is, so  HEARING OFFICER: It's green.  MR. LUDDER: It's green. It's officially green.  THE WITNESS: Okay.
11 12 13 14 15 16 17 18	A. Yes, sir. I believe I believe it was.  Q. Okay. Are you familiar with that wetlands assessment?  A. That we got it, yeah. That's about the extent of it.  Q. Okay. Do you know if there are wetlands within the footprint of the proposed landfill expansion?	11 12 13 14 15 16 17 18 19	A. Oh, do I have to describe it? I'm pointing at the green section of this map right here. It says, Proposed MSW Landfill Expansion.  Q. Okay. We've had some argument about what color that is, so  HEARING OFFICER: It's green.  MR. LUDDER: It's green. It's officially green.  THE WITNESS: Okay.  BY MR. LUDDER:
11 12 13 14 15 16 17 18 19 20	A. Yes, sir. I believe I believe it was.  Q. Okay. Are you familiar with that wetlands assessment?  A. That we got it, yeah. That's about the extent of it.  Q. Okay. Do you know if there are wetlands within the footprint of the proposed landfill expansion?  A. I know the plans indicate that	11 12 13 14 15 16 17 18 19 20	A. Oh, do I have to describe it? I'm pointing at the green section of this map right here. It says, Proposed MSW Landfill Expansion.  Q. Okay. We've had some argument about what color that is, so  HEARING OFFICER: It's green.  MR. LUDDER: It's green. It's officially green.  THE WITNESS: Okay.  BY MR. LUDDER:  Q. And the existing landfill, is that
11 12 13 14 15 16 17 18 19 20 21	A. Yes, sir. I believe I believe it was.  Q. Okay. Are you familiar with that wetlands assessment?  A. That we got it, yeah. That's about the extent of it.  Q. Okay. Do you know if there are wetlands within the footprint of the proposed landfill expansion?  A. I know the plans indicate that there are there are.	11 12 13 14 15 16 17 18 19 20 21	A. Oh, do I have to describe it? I'm pointing at the green section of this map right here. It says, Proposed MSW Landfill Expansion.  Q. Okay. We've had some argument about what color that is, so  HEARING OFFICER: It's green.  MR. LUDDER: It's green. It's officially green.  THE WITNESS: Okay.  BY MR. LUDDER:  Q. And the existing landfill, is that the section above to the north of the expansion
11 12 13 14 15 16 17 18 19 20 21	A. Yes, sir. I believe I believe it was.  Q. Okay. Are you familiar with that wetlands assessment?  A. That we got it, yeah. That's about the extent of it.  Q. Okay. Do you know if there are wetlands within the footprint of the proposed landfill expansion?  A. I know the plans indicate that there are there are.  HEARING OFFICER: A little louder,	11 12 13 14 15 16 17 18 19 20 21 22	A. Oh, do I have to describe it? I'm pointing at the green section of this map right here. It says, Proposed MSW Landfill Expansion.  Q. Okay. We've had some argument about what color that is, so  HEARING OFFICER: It's green.  MR. LUDDER: It's green. It's officially green.  THE WITNESS: Okay.  BY MR. LUDDER:  Q. And the existing landfill, is that the section above to the north of the expansion that's colored pink?
11 12 13 14 15 16 17 18 19 20 21	A. Yes, sir. I believe I believe it was.  Q. Okay. Are you familiar with that wetlands assessment?  A. That we got it, yeah. That's about the extent of it.  Q. Okay. Do you know if there are wetlands within the footprint of the proposed landfill expansion?  A. I know the plans indicate that there are there are.	11 12 13 14 15 16 17 18 19 20 21	A. Oh, do I have to describe it? I'm pointing at the green section of this map right here. It says, Proposed MSW Landfill Expansion.  Q. Okay. We've had some argument about what color that is, so  HEARING OFFICER: It's green.  MR. LUDDER: It's green. It's officially green.  THE WITNESS: Okay.  BY MR. LUDDER:  Q. And the existing landfill, is that the section above to the north of the expansion

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1	Q. Do you know if that existing	1	also you testified a moment ago about
2	landfill is currently accepting any waste?	2	wetlands being within the footprint of the
3	A. Yes, sir, it is.	3	landfill expansion. Do you know approximately
4	Q. It is? Okay. Do you know if	4	in this diagram where those wetlands might be?
5	they if the amount of waste	5	A. Yes. I believe they're in this
6	A. Can I	6	area right here.
7	Q. Sure.	7	Q. All right. Now, that the
8	A. As in currently I mean, as of	8	A. Do you want me to describe this
9	this moment? Or, I mean, in the past few	9	area?
10	months, it has accepted some waste. Is that	10	Q. Please.
11	a a answer an answer?	11	A. The lower portion, I guess it's
12	Q. Sure. Do you know anymore	12	the southern portion, of the proposed landfill
13	recently than that?	13	expansion in green.
	A. I don't. I haven't been out	14	Q. And is the area where you're
14	there, and, you know, I've I haven't done a	15	pointing to, is that shaded differently than the
15	site you know visit, and I haven't looked	16	rest of the expansion area?
16	through their waste you know, load stuff,	17	A. Correct.
17	So		Q. A bit darker?
18	Q. Okay. So the last time you recall	18	A. Yes, sir.
19	is within the last few months?	19	Q. All right. Let's return to
20	A. I would venture to say they	20 21	Exhibit J-3, Part I, in the book. And if you
21	probably are accepting waste, yes, but I don't	22	would, turn to Section 5.1.
22 23	know for sure. They might be completely full.	23	A. Is it the one that's is it in
23	know for sure. They might be completely fun.	23	A. Is it the one that's is it in
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_	O Okay Do you know, well are		the energions manual or ere we
1	Q. Okay. Do you know well, are they close to being full?	1	the operations manual, or are we Q. Yes, yes.
2	A. They've indicated to us that they	3	A. Section what?
3	are close to being full, yes.	4	Q. 5.1.
4 5	Q. And do you know if they have	5	A. All right.
	reduced the volume of waste that they are		Q. Did you find that?
6	disposing of there?	6 7	A. Well, again, I'm going through it,
7 8	A. Yes.	8	and I got to 2, and then it gets 4 and
	Q. Do you know by how much?	9	it's 5.0's conclusions, and 6 is references.
10	A. Considerable. I know most of the	10	I'm not sure if I'm on the right one.
10 11	waste is being sent somewhere else.	11	Q. Yeah, it's not it's not marked
12	Q. Do you know if it's being sent to	12	very well. I think that's probably that's
13	the state of Florida?	13	probably a different part.
14	A. I believe that some of it is	14	A. Okay. All right. And you asked
15	going MSW is going there, and the C&D is	15	for which one? 5.1?
16	going somewhere else, is that's my	16	Q. 5.1.
17	understanding.	17	A. Okay.
	Q. Is also going somewhere else, you	18	Q. And that's titled what?
18 19	said?	19	A. Water Quality Protection.
	A. That was my understanding. I may	20	Q. And would you read the first
20 21	be wrong on that. That's just that's just	21	sentence of that?
22	what I what I think.	22	A. Okay. The water quality
23	Q. Okay. So, do you know you	23	protection standards outlined in Rule
23	Q. Onuj. Do, do jou know you	2.5	protection standards outlined in Rule

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1	335-13-401 prohibit the discharge of	1	we had checked all our bases.
2	pollutants including fill material, or any other	2	Q. Now, when you talk about the NPDES
3	unpermitted discharge into [verbatim] waters of	3	permit, do you know where the discharges would
4	the State as defined by the Alabama Water	4	be located for that permit?
5	Pollution Control Act, Code of Alabama and the	5	A. Not off the top of my head.
6	United States Environmental Protection Agency	6	That the water program would you know,
7	Clean Water Act, as amended.	7	they had an inspector, and they've got the
8	Q. All right. Now, are you aware of	8	permitting process, and they're the ones that do
9	any other place in the application where the	9	that.
10	City of Dothan has addressed discharges into	10	Q. All right. So you don't
11	waters of the State?	11	A. So if it's good with them, we're
12	A. I wouldn't I mean, no. I mean,	12	not going to overrule what they think, what the
13	I'm not. There may be some more in there, but	13	correct way to do it is.
14	I'm not.	14	Q. So do you know if the NPDES permit
15	Q. Okay. In your in exercising	15	addresses discharges into wetlands or streams?
16	your supervisory responsibilities, and over	16	Let me withdraw that.
17	this application and its disposition, did you	17	Do you know if the NPDES permit addresses
18	make any effort to determine whether any state	18	discharges into wetlands?
19	permits had been issued for discharges to waters	19	A. I think it's for discharges into
20	of the State?	20	water of the State. I think wetlands are water
21	A. Ask it one more time.	21	of the State.
22	Q. Yeah. In your in your function	22	HEARING OFFICER: A little louder,
23	as a supervisor, did you make any inquiry as to	23	Mr. Story.
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1	whether discharges to waters of the State were	1	A. I'm sorry. I think that wetlands
2	permitted by ADEM?	2	are water of the State. And I would think that
3	A. I don't I don't think I	3	NPDES permits again, it's not my
4	made what was your what was the very first	4	program but would would cover that.
5	part of your sentence, what was it again? I	5	Q. Okay. And I guess you're saying
6	make you asked me did I do something.	6	that the people in the water program in the
7	Q. Did you make an inquiry?	7	Department would know better?
8	A. Did I make inquiry? I don't think	8	A. Yes, sir. Yes, sir. That's
9	I made an inquiry. I think it was I	9	correct.
10	think I-saw-that-it-had-been-handled kind of	10	Q. Okay. Would you turn now to
11	thing.	11	Section 5 I'm sorry 5.4?
12	Q. All right. Could you describe how	12	A. Same thing? Operations manual?
13	it had been handled?	13	Q. Same operations manual, yes, sir.
14	A. Yeah, I think we had the and	14	A. Okay.
15	I'm not the water expert; you know, I'll say	15	MR. SASSER: 5 what? I'm
16	that right off the bat but I thought we had	16	sorry.
17	had all of the boxes checked, I guess, on what	17	MR. LUDDER: 5.4.
18	we were looking at, in making sure we had	18	BY MR. LUDDER:

19

20

21

22

23

the -- whether we had the -- the

401CB -- whatever-it-is permit in place for

then the NPDES permit had been modified too, for

the expansion, I guess you'd say. So I thought

the -- for the filling in of the wetland, and

19

20

21

22

23

last sentence?

Q. What's the title of that section?

Q. All right. And would you read the

A. Additional measures will be put in

A. Stormwater Runoff Control.

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1	place	1	Q. And does each of those sediment
2	Q. I'm sorry.	2	ponds have a discharge structure of some kind?
3	A. Is that not right?	3	A. It's got an outlet structure, an
4	Q. The last sentence of the first	4	overflow spillway.
5	paragraph.	5	Q. I'm sorry. You said "outlet
6	A. Oh, okay. I'm sorry.	6	structure"?
7	Runoff from the active and/or closed	7	A. Pond outlet structure. It looks
8	portions of the landfill shall be routed to a	8	like that one is flowing into this one, and then
9	sediment control structure prior to release onto	9	that one's got an outlet.
10	adjacent properties or waters.	10	Q. All right. Let's
11	Q. And the last sentence in Paragraph	11	A. It's got an overflow spillway. I
12	2?	12	guess they're all routed to 3, maybe.
13	A. The stormwater will pass through	13	Q. All right. Let's clarify that.
14	the sedimentation pond prior to discharging off	14	You're saying Sediment Pond Number 1 is
15	site.	15	connected to Sediment Pond Number 2?
16	Q. All right. Now, let's refer to	16	A. Correct.
17	Exhibit P-5, Sheet Number 3. The page that's	17	Q. So that
18	marked, Base Grading Plan.	18	A. And then it go ahead.
19	A. Okay.	19	Q. So that the waters collected in
20	Q. Do you see sedimentation ponds on	20	Sediment Pond Number 1 can flow into Sediment
21	that diagram?	21	Pond Number 2?
22	A. Yes, 1 and 2. Sediment Pond	22	A. Without looking at the grading, I
23	Number 1 and 2.	23	suppose it's going from 1 to 2. I'm
	Page 365		Page 367
1		1	
1 2	Q. And what about this one?	1 2	saying it could be going from 2 to 1, but I'm
			saying it could be going from 2 to 1, but I'm guessing it's going that way.
2	Q. And what about this one? A. Oh, okay. I'm sorry. And and 3.	2	saying it could be going from 2 to 1, but I'm
2	<ul><li>Q. And what about this one?</li><li>A. Oh, okay. I'm sorry. And and</li></ul>	2	saying it could be going from 2 to 1, but I'm guessing it's going that way.  Q. Going from 1 to 2?
2 3 4	<ul><li>Q. And what about this one?</li><li>A. Oh, okay. I'm sorry. And and</li><li>Q. Okay. So you see three sediment</li></ul>	2 3 4	saying it could be going from 2 to 1, but I'm guessing it's going that way.  Q. Going from 1 to 2?  A. Yeah.
2 3 4 5	Q. And what about this one? A. Oh, okay. I'm sorry. And and 3. Q. Okay. So you see three sediment ponds?	2 3 4 5	saying it could be going from 2 to 1, but I'm guessing it's going that way.  Q. Going from 1 to 2?  A. Yeah.  Q. And there is a something
2 3 4 5 6	<ul> <li>Q. And what about this one?</li> <li>A. Oh, okay. I'm sorry. And and</li> <li>Q. Okay. So you see three sediment ponds?</li> <li>A. Correct.</li> </ul>	2 3 4 5 6	saying it could be going from 2 to 1, but I'm guessing it's going that way.  Q. Going from 1 to 2?  A. Yeah.  Q. And there is a something labeled, Overflow Spillway, between Sediment
2 3 4 5 6 7	Q. And what about this one? A. Oh, okay. I'm sorry. And and 3. Q. Okay. So you see three sediment ponds? A. Correct. Q. And do you know what what's the	2 3 4 5 6 7	saying it could be going from 2 to 1, but I'm guessing it's going that way.  Q. Going from 1 to 2?  A. Yeah.  Q. And there is a something labeled, Overflow Spillway, between Sediment Pond Number 1 and Sediment Pond Number 2. Do
2 3 4 5 6 7 8	Q. And what about this one? A. Oh, okay. I'm sorry. And and 3. Q. Okay. So you see three sediment ponds? A. Correct. Q. And do you know what what's the function of those sediment ponds?	2 3 4 5 6 7 8	saying it could be going from 2 to 1, but I'm guessing it's going that way.  Q. Going from 1 to 2?  A. Yeah.  Q. And there is a something labeled, Overflow Spillway, between Sediment Pond Number 1 and Sediment Pond Number 2. Do you know how that would function?
2 3 4 5 6 7 8	Q. And what about this one? A. Oh, okay. I'm sorry. And and 3. Q. Okay. So you see three sediment ponds? A. Correct. Q. And do you know what what's the function of those sediment ponds? A. To well, generally, they're to	2 3 4 5 6 7 8 9	saying it could be going from 2 to 1, but I'm guessing it's going that way.  Q. Going from 1 to 2?  A. Yeah.  Q. And there is a something labeled, Overflow Spillway, between Sediment Pond Number 1 and Sediment Pond Number 2. Do you know how that would function?  A. I do not.
2 3 4 5 6 7 8 9	Q. And what about this one? A. Oh, okay. I'm sorry. And and 3. Q. Okay. So you see three sediment ponds? A. Correct. Q. And do you know what what's the function of those sediment ponds? A. To well, generally, they're to control runoff from the active area, I guess.	2 3 4 5 6 7 8 9	saying it could be going from 2 to 1, but I'm guessing it's going that way.  Q. Going from 1 to 2?  A. Yeah.  Q. And there is a something labeled, Overflow Spillway, between Sediment Pond Number 1 and Sediment Pond Number 2. Do you know how that would function?  A. I do not.  Q. Okay. And in Sediment Pond Number
2 3 4 5 6 7 8 9 10	Q. And what about this one? A. Oh, okay. I'm sorry. And and 3. Q. Okay. So you see three sediment ponds? A. Correct. Q. And do you know what what's the function of those sediment ponds? A. To well, generally, they're to control runoff from the active area, I guess. Control sediment from leaving the site.	2 3 4 5 6 7 8 9 10	saying it could be going from 2 to 1, but I'm guessing it's going that way.  Q. Going from 1 to 2?  A. Yeah.  Q. And there is a something labeled, Overflow Spillway, between Sediment Pond Number 1 and Sediment Pond Number 2. Do you know how that would function?  A. I do not.  Q. Okay. And in Sediment Pond Number 2, there is a point in the pond that's labeled,
2 3 4 5 6 7 8 9 10 11	Q. And what about this one? A. Oh, okay. I'm sorry. And and 3. Q. Okay. So you see three sediment ponds? A. Correct. Q. And do you know what what's the function of those sediment ponds? A. To well, generally, they're to control runoff from the active area, I guess. Control sediment from leaving the site. Q. Okay. So if there's an active	2 3 4 5 6 7 8 9 10 11	saying it could be going from 2 to 1, but I'm guessing it's going that way.  Q. Going from 1 to 2?  A. Yeah.  Q. And there is a something labeled, Overflow Spillway, between Sediment Pond Number 1 and Sediment Pond Number 2. Do you know how that would function?  A. I do not.  Q. Okay. And in Sediment Pond Number 2, there is a point in the pond that's labeled, Pond Outlet Structure. Do you see that?
2 3 4 5 6 7 8 9 10 11 12	Q. And what about this one? A. Oh, okay. I'm sorry. And and 3. Q. Okay. So you see three sediment ponds? A. Correct. Q. And do you know what what's the function of those sediment ponds? A. To well, generally, they're to control runoff from the active area, I guess. Control sediment from leaving the site. Q. Okay. So if there's an active area anywhere in the footprint of the expansion,	2 3 4 5 6 7 8 9 10 11 12 13	saying it could be going from 2 to 1, but I'm guessing it's going that way.  Q. Going from 1 to 2?  A. Yeah.  Q. And there is a something labeled, Overflow Spillway, between Sediment Pond Number 1 and Sediment Pond Number 2. Do you know how that would function?  A. I do not.  Q. Okay. And in Sediment Pond Number 2, there is a point in the pond that's labeled, Pond Outlet Structure. Do you see that?  A. I do.
2 3 4 5 6 7 8 9 10 11 12 13 14	Q. And what about this one? A. Oh, okay. I'm sorry. And and 3. Q. Okay. So you see three sediment ponds? A. Correct. Q. And do you know what what's the function of those sediment ponds? A. To well, generally, they're to control runoff from the active area, I guess. Control sediment from leaving the site. Q. Okay. So if there's an active area anywhere in the footprint of the expansion, is it the intention to have it flow into one of	2 3 4 5 6 7 8 9 10 11 12 13	saying it could be going from 2 to 1, but I'm guessing it's going that way.  Q. Going from 1 to 2?  A. Yeah.  Q. And there is a something labeled, Overflow Spillway, between Sediment Pond Number 1 and Sediment Pond Number 2. Do you know how that would function?  A. I do not.  Q. Okay. And in Sediment Pond Number 2, there is a point in the pond that's labeled, Pond Outlet Structure. Do you see that?  A. I do.  Q. Do you know how that would
2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. And what about this one? A. Oh, okay. I'm sorry. And and 3. Q. Okay. So you see three sediment ponds? A. Correct. Q. And do you know what what's the function of those sediment ponds? A. To well, generally, they're to control runoff from the active area, I guess. Control sediment from leaving the site. Q. Okay. So if there's an active area anywhere in the footprint of the expansion, is it the intention to have it flow into one of these sediment ponds excuse me.	2 3 4 5 6 7 8 9 10 11 12 13 14	saying it could be going from 2 to 1, but I'm guessing it's going that way.  Q. Going from 1 to 2?  A. Yeah.  Q. And there is a something labeled, Overflow Spillway, between Sediment Pond Number 1 and Sediment Pond Number 2. Do you know how that would function?  A. I do not.  Q. Okay. And in Sediment Pond Number 2, there is a point in the pond that's labeled, Pond Outlet Structure. Do you see that?  A. I do.  Q. Do you know how that would function?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. And what about this one? A. Oh, okay. I'm sorry. And and 3. Q. Okay. So you see three sediment ponds? A. Correct. Q. And do you know what what's the function of those sediment ponds? A. To well, generally, they're to control runoff from the active area, I guess. Control sediment from leaving the site. Q. Okay. So if there's an active area anywhere in the footprint of the expansion, is it the intention to have it flow into one of these sediment ponds excuse me. Is it the intention to have stormwater from that active area flow into one of these sediment	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	saying it could be going from 2 to 1, but I'm guessing it's going that way.  Q. Going from 1 to 2?  A. Yeah.  Q. And there is a something labeled, Overflow Spillway, between Sediment Pond Number 1 and Sediment Pond Number 2. Do you know how that would function?  A. I do not.  Q. Okay. And in Sediment Pond Number 2, there is a point in the pond that's labeled, Pond Outlet Structure. Do you see that?  A. I do.  Q. Do you know how that would function?  A. I do not.  Q. The diagram also shows, Overflow
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. And what about this one? A. Oh, okay. I'm sorry. And and 3. Q. Okay. So you see three sediment ponds? A. Correct. Q. And do you know what what's the function of those sediment ponds? A. To well, generally, they're to control runoff from the active area, I guess. Control sediment from leaving the site. Q. Okay. So if there's an active area anywhere in the footprint of the expansion, is it the intention to have it flow into one of these sediment ponds excuse me. Is it the intention to have stormwater from that active area flow into one of these sediment ponds?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	saying it could be going from 2 to 1, but I'm guessing it's going that way.  Q. Going from 1 to 2?  A. Yeah.  Q. And there is a something labeled, Overflow Spillway, between Sediment Pond Number 1 and Sediment Pond Number 2. Do you know how that would function?  A. I do not.  Q. Okay. And in Sediment Pond Number 2, there is a point in the pond that's labeled, Pond Outlet Structure. Do you see that?  A. I do.  Q. Do you know how that would function?  A. I do not.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. And what about this one? A. Oh, okay. I'm sorry. And and 3. Q. Okay. So you see three sediment ponds? A. Correct. Q. And do you know what what's the function of those sediment ponds? A. To well, generally, they're to control runoff from the active area, I guess. Control sediment from leaving the site. Q. Okay. So if there's an active area anywhere in the footprint of the expansion, is it the intention to have it flow into one of these sediment ponds excuse me. Is it the intention to have stormwater from that active area flow into one of these sediment	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	saying it could be going from 2 to 1, but I'm guessing it's going that way.  Q. Going from 1 to 2?  A. Yeah.  Q. And there is a something labeled, Overflow Spillway, between Sediment Pond Number 1 and Sediment Pond Number 2. Do you know how that would function?  A. I do not.  Q. Okay. And in Sediment Pond Number 2, there is a point in the pond that's labeled, Pond Outlet Structure. Do you see that?  A. I do.  Q. Do you know how that would function?  A. I do not.  Q. The diagram also shows, Overflow Spillway
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. And what about this one? A. Oh, okay. I'm sorry. And and 3. Q. Okay. So you see three sediment ponds? A. Correct. Q. And do you know what what's the function of those sediment ponds? A. To well, generally, they're to control runoff from the active area, I guess. Control sediment from leaving the site. Q. Okay. So if there's an active area anywhere in the footprint of the expansion, is it the intention to have it flow into one of these sediment ponds excuse me. Is it the intention to have stormwater from that active area flow into one of these sediment ponds? A. Correct. Or just not let it flow	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	saying it could be going from 2 to 1, but I'm guessing it's going that way.  Q. Going from 1 to 2?  A. Yeah.  Q. And there is a something labeled, Overflow Spillway, between Sediment Pond Number 1 and Sediment Pond Number 2. Do you know how that would function?  A. I do not.  Q. Okay. And in Sediment Pond Number 2, there is a point in the pond that's labeled, Pond Outlet Structure. Do you see that?  A. I do.  Q. Do you know how that would function?  A. I do not.  Q. The diagram also shows, Overflow Spillway  A. Right.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. And what about this one? A. Oh, okay. I'm sorry. And and 3. Q. Okay. So you see three sediment ponds? A. Correct. Q. And do you know what what's the function of those sediment ponds? A. To well, generally, they're to control runoff from the active area, I guess. Control sediment from leaving the site. Q. Okay. So if there's an active area anywhere in the footprint of the expansion, is it the intention to have it flow into one of these sediment ponds excuse me. Is it the intention to have stormwater from that active area flow into one of these sediment ponds? A. Correct. Or just not let it flow off-site. I guess you'd slow it down before it	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	saying it could be going from 2 to 1, but I'm guessing it's going that way.  Q. Going from 1 to 2?  A. Yeah.  Q. And there is a something labeled, Overflow Spillway, between Sediment Pond Number 1 and Sediment Pond Number 2. Do you know how that would function?  A. I do not.  Q. Okay. And in Sediment Pond Number 2, there is a point in the pond that's labeled, Pond Outlet Structure. Do you see that?  A. I do.  Q. Do you know how that would function?  A. I do not.  Q. The diagram also shows, Overflow Spillway  A. Right.  Q which looks like it's at the
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. And what about this one? A. Oh, okay. I'm sorry. And and 3. Q. Okay. So you see three sediment ponds? A. Correct. Q. And do you know what what's the function of those sediment ponds? A. To well, generally, they're to control runoff from the active area, I guess. Control sediment from leaving the site. Q. Okay. So if there's an active area anywhere in the footprint of the expansion, is it the intention to have it flow into one of these sediment ponds excuse me. Is it the intention to have stormwater from that active area flow into one of these sediment ponds? A. Correct. Or just not let it flow off-site. I guess you'd slow it down before it goes off-site.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	saying it could be going from 2 to 1, but I'm guessing it's going that way.  Q. Going from 1 to 2?  A. Yeah.  Q. And there is a something labeled, Overflow Spillway, between Sediment Pond Number 1 and Sediment Pond Number 2. Do you know how that would function?  A. I do not.  Q. Okay. And in Sediment Pond Number 2, there is a point in the pond that's labeled, Pond Outlet Structure. Do you see that?  A. I do.  Q. Do you know how that would function?  A. I do not.  Q. The diagram also shows, Overflow Spillway  A. Right.  Q which looks like it's at the western end of Sediment Pond Number 2. Do you

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1	Q. Do you know how that would	1	plan and you're an engineer, right?
2	function?	2	A. Yes, sir.
3	A. How about not specifically? I	3	Q. If you were reading this plan,
4	generally know how spillways work, but not	4	what would be your opinion as to how it would
5	this you know, I just see it listed on the	5	discharge?
6	map right now.	6	A. I think okay. I think,
7	Q. Yeah. And associated with	7	personally, that as this pond filled up, it
8	Sediment Pond Number 3, there is a point marked,	8	would overflow into 2, and as 2 filled up, it
9	Overflow Spillway?	9	would overflow into 3, and as 3 filled up, it
10	A. Correct.	10	would overflow and go out the and it appears
11	Q. Do you know how that would	11	there's probably going to be a permit that's
12	function there?	12	probably where the NPDES outfall is, is where
13	A. Again, same as before, same answer	13	that one overflows to, is typically how
14	as before, I guess.	14	they how it works.
15	Q. Which was?	15	Q. All right. So what you're
16	A. I don't exactly know how.	16	speculating about, or your opinion is
17	Q. Okay, okay. Do you know	17	A. Yes.
18	if if these ponds would discharge only	18	Q that this overflow spillway
19	by only by way of the overflow spillways?	19	associated with Pond 3 may be an NPDES-permitted
20	MR. CARTER: Judge, I want to	20	outfall?
21	object. I think we've asked and	21	A. That's well, it would it
22	answered this. He's answered, but	22	would probably lead to one wherever the outfall
23	he's not the expert on the NPDES	23	is.
	Page 369		Page 371
	Page 369		Page 371
1	permit, and all this will be covered	1	Q. Okay, okay.
2	permit, and all this will be covered by that.	2	<ul><li>Q. Okay, okay.</li><li>A. That's just from five minutes of</li></ul>
2	permit, and all this will be covered by that.  HEARING OFFICER: Well, he's just	2	Q. Okay, okay. A. That's just from five minutes of looking over this the map. That's what I
2 3 4	permit, and all this will be covered by that.  HEARING OFFICER: Well, he's just trying to get make his point, so I	2 3 4	Q. Okay, okay. A. That's just from five minutes of looking over this the map. That's what I think it would be.
2 3 4 5	permit, and all this will be covered by that.  HEARING OFFICER: Well, he's just trying to get make his point, so I don't think this maybe I'm not sure	2 3 4 5	Q. Okay, okay. A. That's just from five minutes of looking over this the map. That's what I think it would be. Q. Okay. Would you turn now to in
2 3 4 5 6	permit, and all this will be covered by that.  HEARING OFFICER: Well, he's just trying to get make his point, so I don't think this maybe I'm not sure this is a witness to prove all this.	2 3 4 5 6	Q. Okay, okay. A. That's just from five minutes of looking over this the map. That's what I think it would be. Q. Okay. Would you turn now to in the operations manual, which is Exhibit J-3 Part
2 3 4 5 6 7	permit, and all this will be covered by that.  HEARING OFFICER: Well, he's just trying to get make his point, so I don't think this maybe I'm not sure this is a witness to prove all this.  Is there another one available?	2 3 4 5 6 7	Q. Okay, okay. A. That's just from five minutes of looking over this the map. That's what I think it would be. Q. Okay. Would you turn now to in the operations manual, which is Exhibit J-3 Part I turn to Appendix 2.1, if you could.
2 3 4 5 6 7 8	permit, and all this will be covered by that.  HEARING OFFICER: Well, he's just trying to get make his point, so I don't think this maybe I'm not sure this is a witness to prove all this.  Is there another one available?  MR. LUDDER: Well, I'm not sure	2 3 4 5 6 7 8	Q. Okay, okay. A. That's just from five minutes of looking over this the map. That's what I think it would be. Q. Okay. Would you turn now to in the operations manual, which is Exhibit J-3 Part I turn to Appendix 2.1, if you could. A. Oh, my goodness. I'm guessing
2 3 4 5 6 7 8	permit, and all this will be covered by that.  HEARING OFFICER: Well, he's just trying to get make his point, so I don't think this maybe I'm not sure this is a witness to prove all this.  Is there another one available?  MR. LUDDER: Well, I'm not sure that the NPDES witnesses know about	2 3 4 5 6 7 8 9	Q. Okay, okay. A. That's just from five minutes of looking over this the map. That's what I think it would be. Q. Okay. Would you turn now to in the operations manual, which is Exhibit J-3 Part I turn to Appendix 2.1, if you could. A. Oh, my goodness. I'm guessing it's at the back of it.
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2 3 4 5 6 7 8 9 10 11	permit, and all this will be covered by that.  HEARING OFFICER: Well, he's just trying to get make his point, so I don't think this maybe I'm not sure this is a witness to prove all this.  Is there another one available?  MR. LUDDER: Well, I'm not sure that the NPDES witnesses know about this.  HEARING OFFICER: Okay. Then go ahead.	2 3 4 5 6 7 8 9 10 11	Q. Okay, okay. A. That's just from five minutes of looking over this the map. That's what I think it would be. Q. Okay. Would you turn now to in the operations manual, which is Exhibit J-3 Part I turn to Appendix 2.1, if you could. A. Oh, my goodness. I'm guessing it's at the back of it. Q. Pardon me? A. I'm guessing it's at the back of it.
2 3 4 5 6 7 8 9 10 11 12	permit, and all this will be covered by that.  HEARING OFFICER: Well, he's just trying to get make his point, so I don't think this maybe I'm not sure this is a witness to prove all this.  Is there another one available?  MR. LUDDER: Well, I'm not sure that the NPDES witnesses know about this.  HEARING OFFICER: Okay. Then go ahead.  MR. LUDDER: Okay.	2 3 4 5 6 7 8 9 10 11 12	Q. Okay, okay. A. That's just from five minutes of looking over this the map. That's what I think it would be. Q. Okay. Would you turn now to in the operations manual, which is Exhibit J-3 Part I turn to Appendix 2.1, if you could. A. Oh, my goodness. I'm guessing it's at the back of it. Q. Pardon me? A. I'm guessing it's at the back of it. MR. WELLS: Judge, if I may?
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	permit, and all this will be covered by that.  HEARING OFFICER: Well, he's just trying to get make his point, so I don't think this maybe I'm not sure this is a witness to prove all this.  Is there another one available?  MR. LUDDER: Well, I'm not sure that the NPDES witnesses know about this.  HEARING OFFICER: Okay. Then go ahead.  MR. LUDDER: Okay.  BY MR. LUDDER:  Q. So the question is I'll revise the question.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. Okay, okay. A. That's just from five minutes of looking over this the map. That's what I think it would be. Q. Okay. Would you turn now to in the operations manual, which is Exhibit J-3 Part I turn to Appendix 2.1, if you could. A. Oh, my goodness. I'm guessing it's at the back of it. Q. Pardon me? A. I'm guessing it's at the back of it. MR. WELLS: Judge, if I may? Scott, it's actually ahead of Section 5. THE WITNESS: Okay. Thank you.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	permit, and all this will be covered by that.  HEARING OFFICER: Well, he's just trying to get make his point, so I don't think this maybe I'm not sure this is a witness to prove all this.  Is there another one available?  MR. LUDDER: Well, I'm not sure that the NPDES witnesses know about this.  HEARING OFFICER: Okay. Then go ahead.  MR. LUDDER: Okay.  BY MR. LUDDER:  Q. So the question is I'll revise the question.  Do you know how these sediment ponds will	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. Okay, okay. A. That's just from five minutes of looking over this the map. That's what I think it would be. Q. Okay. Would you turn now to in the operations manual, which is Exhibit J-3 Part I turn to Appendix 2.1, if you could. A. Oh, my goodness. I'm guessing it's at the back of it. Q. Pardon me? A. I'm guessing it's at the back of it. MR. WELLS: Judge, if I may? Scott, it's actually ahead of Section 5. THE WITNESS: Okay. Thank you. A. Which one?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	permit, and all this will be covered by that.  HEARING OFFICER: Well, he's just trying to get make his point, so I don't think this maybe I'm not sure this is a witness to prove all this.  Is there another one available?  MR. LUDDER: Well, I'm not sure that the NPDES witnesses know about this.  HEARING OFFICER: Okay. Then go ahead.  MR. LUDDER: Okay.  BY MR. LUDDER:  Q. So the question is I'll revise the question.  Do you know how these sediment ponds will discharge, if at all?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. Okay, okay. A. That's just from five minutes of looking over this the map. That's what I think it would be. Q. Okay. Would you turn now to in the operations manual, which is Exhibit J-3 Part I turn to Appendix 2.1, if you could. A. Oh, my goodness. I'm guessing it's at the back of it. Q. Pardon me? A. I'm guessing it's at the back of it. MR. WELLS: Judge, if I may? Scott, it's actually ahead of Section 5. THE WITNESS: Okay. Thank you. A. Which one? Q. Appendix 2.1. I think you really
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	permit, and all this will be covered by that.  HEARING OFFICER: Well, he's just trying to get make his point, so I don't think this maybe I'm not sure this is a witness to prove all this.  Is there another one available?  MR. LUDDER: Well, I'm not sure that the NPDES witnesses know about this.  HEARING OFFICER: Okay. Then go ahead.  MR. LUDDER: Okay.  BY MR. LUDDER:  Q. So the question is I'll revise the question.  Do you know how these sediment ponds will discharge, if at all?  A. I can't say I know how.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. Okay, okay. A. That's just from five minutes of looking over this the map. That's what I think it would be. Q. Okay. Would you turn now to in the operations manual, which is Exhibit J-3 Part I turn to Appendix 2.1, if you could. A. Oh, my goodness. I'm guessing it's at the back of it. Q. Pardon me? A. I'm guessing it's at the back of it. MR. WELLS: Judge, if I may? Scott, it's actually ahead of Section 5. THE WITNESS: Okay. Thank you. A. Which one? Q. Appendix 2.1. I think you really have to get into Section 2 to find it. It's the
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	permit, and all this will be covered by that.  HEARING OFFICER: Well, he's just trying to get make his point, so I don't think this maybe I'm not sure this is a witness to prove all this.  Is there another one available?  MR. LUDDER: Well, I'm not sure that the NPDES witnesses know about this.  HEARING OFFICER: Okay. Then go ahead.  MR. LUDDER: Okay.  BY MR. LUDDER:  Q. So the question is I'll revise the question.  Do you know how these sediment ponds will discharge, if at all?  A. I can't say I know how.  Q. Okay.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. Okay, okay. A. That's just from five minutes of looking over this the map. That's what I think it would be. Q. Okay. Would you turn now to in the operations manual, which is Exhibit J-3 Part I turn to Appendix 2.1, if you could. A. Oh, my goodness. I'm guessing it's at the back of it. Q. Pardon me? A. I'm guessing it's at the back of it.  MR. WELLS: Judge, if I may? Scott, it's actually ahead of Section 5. THE WITNESS: Okay. Thank you. A. Which one? Q. Appendix 2.1. I think you really have to get into Section 2 to find it. It's the Appendix 2.1.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	permit, and all this will be covered by that.  HEARING OFFICER: Well, he's just trying to get make his point, so I don't think this maybe I'm not sure this is a witness to prove all this.  Is there another one available?  MR. LUDDER: Well, I'm not sure that the NPDES witnesses know about this.  HEARING OFFICER: Okay. Then go ahead.  MR. LUDDER: Okay.  BY MR. LUDDER:  Q. So the question is I'll revise the question.  Do you know how these sediment ponds will discharge, if at all?  A. I can't say I know how.  Q. Okay.  A. If you ask, I could speculate, but	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. Okay, okay. A. That's just from five minutes of looking over this the map. That's what I think it would be. Q. Okay. Would you turn now to in the operations manual, which is Exhibit J-3 Part I turn to Appendix 2.1, if you could. A. Oh, my goodness. I'm guessing it's at the back of it. Q. Pardon me? A. I'm guessing it's at the back of it. MR. WELLS: Judge, if I may? Scott, it's actually ahead of Section 5. THE WITNESS: Okay. Thank you. A. Which one? Q. Appendix 2.1. I think you really have to get into Section 2 to find it. It's the Appendix 2.1. A. Well, there's Appendix A. Section
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	permit, and all this will be covered by that.  HEARING OFFICER: Well, he's just trying to get make his point, so I don't think this maybe I'm not sure this is a witness to prove all this.  Is there another one available?  MR. LUDDER: Well, I'm not sure that the NPDES witnesses know about this.  HEARING OFFICER: Okay. Then go ahead.  MR. LUDDER: Okay.  BY MR. LUDDER:  Q. So the question is I'll revise the question.  Do you know how these sediment ponds will discharge, if at all?  A. I can't say I know how.  Q. Okay.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. Okay, okay. A. That's just from five minutes of looking over this the map. That's what I think it would be. Q. Okay. Would you turn now to in the operations manual, which is Exhibit J-3 Part I turn to Appendix 2.1, if you could. A. Oh, my goodness. I'm guessing it's at the back of it. Q. Pardon me? A. I'm guessing it's at the back of it.  MR. WELLS: Judge, if I may? Scott, it's actually ahead of Section 5. THE WITNESS: Okay. Thank you. A. Which one? Q. Appendix 2.1. I think you really have to get into Section 2 to find it. It's the Appendix 2.1.

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1	if you could, in Appendix 2.1, find Figure 5.	1	A. Yes, it does.
2	Did you find it?	2	Q. And does Figure 5 describe where
3	MR. SASSER: Excuse me, David. Are	3	streams are intermittent and perennial
4	you going to go back to these sections	4	streams are?
5	with some other witnesses? Do you	5	A. Yes.
6	want to use these? Will that	6	Q. And are some of those located in
7	make will that speed up the next	7	the footprint of where the landfill expansion
8	time? Or	8	area is?
9	MR. LUDDER: Yeah, that's a good	9	A. That's correct.
10	idea. If you could mark that page	10	Q. And does Figure 5 describe how
11	right there.	11	many acres of wetlands there are in this entire
12	THE WITNESS: Sure.	12	site boundary?
13	BY MR. LUDDER:	13	A. I guess, yeah. Well, that's the
14	Q. You found Figure 5?	14	streams, so, yes. It says the wetlands are 11.7
15	A. If it's, Wetlands and Waters of	15	acres.
16	the U.S. Delineation Map.	16	Q. And does it describe how many
17	Q. Right, right.	17	linear feet of intermittent streams there are
18	A. Okay.	18	within the boundary of the described in
19	Q. You'll see in the legend you'll	19	Figure 5?
20	see a legend for or labeled, The Site?	20	A. Yes, it does.
21	A. Correct.	21	Q. And how much is that?
22	Q. And it has a marking next to it,	22	A. 2,020 linear feet of intermediate
23	which appears to be a square box or a	23	[verbatim] intermittent however you
	Pogo 272		Dogo 275
	Page 373		Page 375
1	rectangular box, correct?	1	pronounce that.
1 2	rectangular box, correct?  A. Correct.	1 2	pronounce that.  Q. And does it describe how many
	rectangular box, correct?  A. Correct.  Q. Is that referring to the lines		pronounce that.  Q. And does it describe how many linear feet of perennial streams there are
2	rectangular box, correct?  A. Correct.  Q. Is that referring to the lines that surround or that surround the area in	2 3 4	pronounce that.  Q. And does it describe how many linear feet of perennial streams there are within the boundary shown in Figure 5?
2 3 4 5	rectangular box, correct?  A. Correct. Q. Is that referring to the lines that surround or that surround the area in the middle of this figure?	2 3 4 5	pronounce that.  Q. And does it describe how many linear feet of perennial streams there are within the boundary shown in Figure 5?  A. Correct.
2 3 4 5 6	rectangular box, correct?  A. Correct.  Q. Is that referring to the lines that surround or that surround the area in the middle of this figure?  A. Yes, it is.	2 3 4 5 6	pronounce that.  Q. And does it describe how many linear feet of perennial streams there are within the boundary shown in Figure 5?  A. Correct.  Q. What is that?
2 3 4 5 6 7	rectangular box, correct?  A. Correct.  Q. Is that referring to the lines that surround or that surround the area in the middle of this figure?  A. Yes, it is.  Q. Okay. Now, does this site that's	2 3 4 5 6 7	pronounce that.  Q. And does it describe how many linear feet of perennial streams there are within the boundary shown in Figure 5?  A. Correct.  Q. What is that?  A. 1,146 linear feet.
2 3 4 5 6 7 8	rectangular box, correct?  A. Correct.  Q. Is that referring to the lines that surround or that surround the area in the middle of this figure?  A. Yes, it is.  Q. Okay. Now, does this site that's described in Figure 5, how does that compare to	2 3 4 5 6 7 8	pronounce that.  Q. And does it describe how many linear feet of perennial streams there are within the boundary shown in Figure 5?  A. Correct.  Q. What is that?  A. 1,146 linear feet.  Q. Okay. Can you identify on Figure
2 3 4 5 6 7 8 9	rectangular box, correct?  A. Correct.  Q. Is that referring to the lines that surround or that surround the area in the middle of this figure?  A. Yes, it is.  Q. Okay. Now, does this site that's described in Figure 5, how does that compare to Exhibit P-5, Boundary Sketch, the proposed	2 3 4 5 6 7 8 9	pronounce that.  Q. And does it describe how many linear feet of perennial streams there are within the boundary shown in Figure 5?  A. Correct.  Q. What is that?  A. 1,146 linear feet.  Q. Okay. Can you identify on Figure 5 where the proposed construction and demolition
2 3 4 5 6 7 8 9	rectangular box, correct?  A. Correct. Q. Is that referring to the lines that surround or that surround the area in the middle of this figure? A. Yes, it is. Q. Okay. Now, does this site that's described in Figure 5, how does that compare to Exhibit P-5, Boundary Sketch, the proposed landfill expansion?	2 3 4 5 6 7 8 9	pronounce that.  Q. And does it describe how many linear feet of perennial streams there are within the boundary shown in Figure 5?  A. Correct.  Q. What is that?  A. 1,146 linear feet.  Q. Okay. Can you identify on Figure 5 where the proposed construction and demolition landfill will be located? And if you need to,
2 3 4 5 6 7 8 9 10	rectangular box, correct?  A. Correct.  Q. Is that referring to the lines that surround or that surround the area in the middle of this figure?  A. Yes, it is.  Q. Okay. Now, does this site that's described in Figure 5, how does that compare to Exhibit P-5, Boundary Sketch, the proposed landfill expansion?  A. It is larger than that.	2 3 4 5 6 7 8 9 10	pronounce that.  Q. And does it describe how many linear feet of perennial streams there are within the boundary shown in Figure 5?  A. Correct.  Q. What is that?  A. 1,146 linear feet.  Q. Okay. Can you identify on Figure 5 where the proposed construction and demolition landfill will be located? And if you need to, compare to Exhibit P-5.
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2 3 4 5 6 7 8 9 10 11 12 13 14 15	rectangular box, correct?  A. Correct.  Q. Is that referring to the lines that surround or that surround the area in the middle of this figure?  A. Yes, it is.  Q. Okay. Now, does this site that's described in Figure 5, how does that compare to Exhibit P-5, Boundary Sketch, the proposed landfill expansion?  A. It is larger than that.  Q. Okay. So does this site boundary in Figure 5 include more area than the expansion footprint in P-5?  A. It does.  Q. But it also the area in Figure	2 3 4 5 6 7 8 9 10 11 12 13 14 15	pronounce that.  Q. And does it describe how many linear feet of perennial streams there are within the boundary shown in Figure 5?  A. Correct.  Q. What is that?  A. 1,146 linear feet.  Q. Okay. Can you identify on Figure 5 where the proposed construction and demolition landfill will be located? And if you need to, compare to Exhibit P-5.  A. Yeah. It's going to be in this area right here.  Q. All right. And you're pointing outside the line the boundary line, or site line, shown in Figure 5, correct?
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	rectangular box, correct?  A. Correct. Q. Is that referring to the lines that surround or that surround the area in the middle of this figure? A. Yes, it is. Q. Okay. Now, does this site that's described in Figure 5, how does that compare to Exhibit P-5, Boundary Sketch, the proposed landfill expansion? A. It is larger than that. Q. Okay. So does this site boundary in Figure 5 include more area than the expansion footprint in P-5? A. It does. Q. But it also the area in Figure 5 does include A. Yes. Q the entire section of the landfill expansion area, correct?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	pronounce that.  Q. And does it describe how many linear feet of perennial streams there are within the boundary shown in Figure 5?  A. Correct.  Q. What is that?  A. 1,146 linear feet.  Q. Okay. Can you identify on Figure 5 where the proposed construction and demolition landfill will be located? And if you need to, compare to Exhibit P-5.  A. Yeah. It's going to be in this area right here.  Q. All right. And you're pointing outside the line the boundary line, or site line, shown in Figure 5, correct?  A. Maybe it's there. I don't think it is. It may be it may just be right there. Surely there's a better figure with it all on there. But this is this, and this is this, and
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	rectangular box, correct?  A. Correct. Q. Is that referring to the lines that surround or that surround the area in the middle of this figure? A. Yes, it is. Q. Okay. Now, does this site that's described in Figure 5, how does that compare to Exhibit P-5, Boundary Sketch, the proposed landfill expansion? A. It is larger than that. Q. Okay. So does this site boundary in Figure 5 include more area than the expansion footprint in P-5? A. It does. Q. But it also the area in Figure 5 does include A. Yes. Q the entire section of the landfill expansion area, correct? A. Yes. It appears to.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	pronounce that.  Q. And does it describe how many linear feet of perennial streams there are within the boundary shown in Figure 5?  A. Correct.  Q. What is that?  A. 1,146 linear feet.  Q. Okay. Can you identify on Figure 5 where the proposed construction and demolition landfill will be located? And if you need to, compare to Exhibit P-5.  A. Yeah. It's going to be in this area right here.  Q. All right. And you're pointing outside the line the boundary line, or site line, shown in Figure 5, correct?  A. Maybe it's there. I don't think it is. It may be it may just be right there. Surely there's a better figure with it all on there. But this is this, and this is this, and there and there, then it's it's only a little
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	rectangular box, correct?  A. Correct. Q. Is that referring to the lines that surround or that surround the area in the middle of this figure? A. Yes, it is. Q. Okay. Now, does this site that's described in Figure 5, how does that compare to Exhibit P-5, Boundary Sketch, the proposed landfill expansion? A. It is larger than that. Q. Okay. So does this site boundary in Figure 5 include more area than the expansion footprint in P-5? A. It does. Q. But it also the area in Figure 5 does include A. Yes. Q the entire section of the landfill expansion area, correct?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	pronounce that.  Q. And does it describe how many linear feet of perennial streams there are within the boundary shown in Figure 5?  A. Correct.  Q. What is that?  A. 1,146 linear feet.  Q. Okay. Can you identify on Figure 5 where the proposed construction and demolition landfill will be located? And if you need to, compare to Exhibit P-5.  A. Yeah. It's going to be in this area right here.  Q. All right. And you're pointing outside the line the boundary line, or site line, shown in Figure 5, correct?  A. Maybe it's there. I don't think it is. It may be it may just be right there. Surely there's a better figure with it all on there. But this is this, and this is this, and

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	Page 376		Page 378
1	can I'm pointing to a road what appears to	1	A. Okay. Number 1, General
2	be a road of some kind	2	Standards. 335-13-412 through 335-13-420
3	A. Okay. So	3	provides standards for establishing a landfill
4	Q in Figure 5.	4	unit providing that the siting standards of
5	A. Yeah, so it's above that. You're	5	335-13-401 have been fully complied with to
6	right. So it's right there, yeah.	6	the satisfaction of the Department.
7	Q. So it's outside the area shown in	7	Q. All right. What does
8	Figure 5 as a site?	8	"establishing a landfill unit" mean in that
9	A. Yeah, you're correct.	9	context? If you know.
10	Q. Okay. So there is Figure 5	10	A. I guess I don't know.
11	does not show any wetlands in the construction	11	Q. All right. Let me ask you
12	and demolition landfill area, correct?	12	if let's turn now to Appendix 2.1 in the
13	A. Correct. It does not.	13	operations manual, and if you could if you
14	Q. Okay. Was it the area that was	14	could, in Appendix 2.1, find Figure 5a.
15	assessed for wetlands in Figure 5, did it	15	A. It's not 5a down there. You said
16	include the construction and demolition landfill	16	it's in 2.1?
17	area, from what you can tell from that figure?	17	Q. Appendix 2.1, Figure 5a.
18	A. Say that one more time.	18	A. Just on this one?
19	Q. Yeah. Figure 5 addresses wetlands	19	Q. Continue on, I think.
20	and streams within this site boundary, correct?	20	A. Here we go. Appendix what?
21	A. Correct.	21	There's Appendix D. Change C and D, am I too
22	Q. Does it address wetlands and	22	far?
23	streams outside that site boundary?	23	Q. I'll show you in a second. It
	Page 377		Page 379
1	A. Not according to this figure.	1	is
1 2	<ul><li>A. Not according to this figure.</li><li>Q. Okay, okay. Do siting standards</li></ul>	1 2	
			is
2	Q. Okay, okay. Do siting standards	2	is MR. WHITE: I can tell him what it
2	Q. Okay, okay. Do siting standards in Rule 335-13-401 have to be complied with	2	is MR. WHITE: I can tell him what it is.
2 3 4	Q. Okay, okay. Do siting standards in Rule 335-13-401 have to be complied with before establishing a landfill?	2 3 4	is MR. WHITE: I can tell him what it is. Q. It's a bit beyond this letter.
2 3 4 5	Q. Okay, okay. Do siting standards in Rule 335-13-401 have to be complied with before establishing a landfill?  A. One more time.	2 3 4 5	is MR. WHITE: I can tell him what it is. Q. It's a bit beyond this letter. You should be able to find this letter.
2 3 4 5 6	Q. Okay, okay. Do siting standards in Rule 335-13-401 have to be complied with before establishing a landfill?  A. One more time.  Q. Yes. Do the siting standards in	2 3 4 5 6	is  MR. WHITE: I can tell him what it  is.  Q. It's a bit beyond this letter.  You should be able to find this letter.  And I'm sorry. Appendix F. Keep going to
2 3 4 5 6 7	Q. Okay, okay. Do siting standards in Rule 335-13-401 have to be complied with before establishing a landfill?  A. One more time.  Q. Yes. Do the siting standards in Rule 335-13-401 have to be fully complied with	2 3 4 5 6 7	is  MR. WHITE: I can tell him what it is. Q. It's a bit beyond this letter. You should be able to find this letter. And I'm sorry. Appendix F. Keep going to Appendix F.
2 3 4 5 6 7 8	Q. Okay, okay. Do siting standards in Rule 335-13-401 have to be complied with before establishing a landfill?  A. One more time.  Q. Yes. Do the siting standards in Rule 335-13-401 have to be fully complied with before establishing a landfill?	2 3 4 5 6 7 8	is  MR. WHITE: I can tell him what it is.  Q. It's a bit beyond this letter.  You should be able to find this letter.  And I'm sorry. Appendix F. Keep going to Appendix F.  A. There's F.
2 3 4 5 6 7 8 9	Q. Okay, okay. Do siting standards in Rule 335-13-401 have to be complied with before establishing a landfill?  A. One more time.  Q. Yes. Do the siting standards in Rule 335-13-401 have to be fully complied with before establishing a landfill?  A. How would you establishing a	2 3 4 5 6 7 8	is  MR. WHITE: I can tell him what it  is.  Q. It's a bit beyond this letter.  You should be able to find this letter.  And I'm sorry. Appendix F. Keep going to  Appendix F.  A. There's F.  Q. There's F. Did you get to 5a?
2 3 4 5 6 7 8 9	Q. Okay, okay. Do siting standards in Rule 335-13-401 have to be complied with before establishing a landfill?  A. One more time.  Q. Yes. Do the siting standards in Rule 335-13-401 have to be fully complied with before establishing a landfill?  A. How would you establishing a landfill? I'm not sure. Is that permitting a	2 3 4 5 6 7 8 9	is  MR. WHITE: I can tell him what it  is.  Q. It's a bit beyond this letter.  You should be able to find this letter.  And I'm sorry. Appendix F. Keep going to  Appendix F.  A. There's F.  Q. There's F. Did you get to 5a?  A. There's the letter, I guess.  Q. Keep going.  A. Okay.
2 3 4 5 6 7 8 9 10	Q. Okay, okay. Do siting standards in Rule 335-13-401 have to be complied with before establishing a landfill?  A. One more time.  Q. Yes. Do the siting standards in Rule 335-13-401 have to be fully complied with before establishing a landfill?  A. How would you establishing a landfill? I'm not sure. Is that permitting a landfill or constructing a landfill?  Q. All right. Let me refer you then to Rule 335-13-411, paren 1.	2 3 4 5 6 7 8 9 10	is  MR. WHITE: I can tell him what it  is.  Q. It's a bit beyond this letter.  You should be able to find this letter.  And I'm sorry. Appendix F. Keep going to  Appendix F.  A. There's F.  Q. There's F. Did you get to 5a?  A. There's the letter, I guess.  Q. Keep going.
2 3 4 5 6 7 8 9 10 11	Q. Okay, okay. Do siting standards in Rule 335-13-401 have to be complied with before establishing a landfill?  A. One more time.  Q. Yes. Do the siting standards in Rule 335-13-401 have to be fully complied with before establishing a landfill?  A. How would you establishing a landfill? I'm not sure. Is that permitting a landfill or constructing a landfill?  Q. All right. Let me refer you then to Rule 335-13-411, paren 1.  A. 335-13-411, which is, General	2 3 4 5 6 7 8 9 10 11	is  MR. WHITE: I can tell him what it  is.  Q. It's a bit beyond this letter.  You should be able to find this letter.  And I'm sorry. Appendix F. Keep going to  Appendix F.  A. There's F.  Q. There's F. Did you get to 5a?  A. There's the letter, I guess.  Q. Keep going.  A. Okay.  Q. Yeah, keep going.  A. 5a, got it. There we go.
2 3 4 5 6 7 8 9 10 11 12 13	Q. Okay, okay. Do siting standards in Rule 335-13-401 have to be complied with before establishing a landfill?  A. One more time.  Q. Yes. Do the siting standards in Rule 335-13-401 have to be fully complied with before establishing a landfill?  A. How would you establishing a landfill? I'm not sure. Is that permitting a landfill or constructing a landfill?  Q. All right. Let me refer you then to Rule 335-13-411, paren 1.  A. 335-13-411, which is, General Standards Design for Disposal Facility; is that	2 3 4 5 6 7 8 9 10 11 12 13	is  MR. WHITE: I can tell him what it is.  Q. It's a bit beyond this letter. You should be able to find this letter. And I'm sorry. Appendix F. Keep going to Appendix F.  A. There's F. Q. There's F. Did you get to 5a? A. There's the letter, I guess. Q. Keep going. A. Okay. Q. Yeah, keep going.
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. Okay, okay. Do siting standards in Rule 335-13-401 have to be complied with before establishing a landfill?  A. One more time.  Q. Yes. Do the siting standards in Rule 335-13-401 have to be fully complied with before establishing a landfill?  A. How would you establishing a landfill? I'm not sure. Is that permitting a landfill or constructing a landfill?  Q. All right. Let me refer you then to Rule 335-13-411, paren 1.  A. 335-13-411, which is, General Standards Design for Disposal Facility; is that where you're at?  Q. Correct.  A. And you're in the (1), which is General Standards?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	MR. WHITE: I can tell him what it is.  Q. It's a bit beyond this letter. You should be able to find this letter. And I'm sorry. Appendix F. Keep going to Appendix F.  A. There's F. Q. There's F. Did you get to 5a? A. There's the letter, I guess. Q. Keep going. A. Okay. Q. Yeah, keep going. A. 5a, got it. There we go. Q. Now  MR. SASSER: All right. Now what are we looking at again?  MR. LUDDER: Figure 5a in Appendix F.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. Okay, okay. Do siting standards in Rule 335-13-401 have to be complied with before establishing a landfill?  A. One more time.  Q. Yes. Do the siting standards in Rule 335-13-401 have to be fully complied with before establishing a landfill?  A. How would you establishing a landfill? I'm not sure. Is that permitting a landfill or constructing a landfill?  Q. All right. Let me refer you then to Rule 335-13-411, paren 1.  A. 335-13-411, which is, General Standards Design for Disposal Facility; is that where you're at?  Q. Correct.  A. And you're in the (1), which is General Standards?  Q. Correct.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	is  MR. WHITE: I can tell him what it is.  Q. It's a bit beyond this letter. You should be able to find this letter. And I'm sorry. Appendix F. Keep going to Appendix F.  A. There's F. Q. There's F. Did you get to 5a? A. There's the letter, I guess. Q. Keep going. A. Okay. Q. Yeah, keep going. A. 5a, got it. There we go. Q. Now  MR. SASSER: All right. Now what are we looking at again?  MR. LUDDER: Figure 5a in Appendix F.  THE WITNESS: It's very similar to
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. Okay, okay. Do siting standards in Rule 335-13-401 have to be complied with before establishing a landfill?  A. One more time.  Q. Yes. Do the siting standards in Rule 335-13-401 have to be fully complied with before establishing a landfill?  A. How would you establishing a landfill? I'm not sure. Is that permitting a landfill or constructing a landfill?  Q. All right. Let me refer you then to Rule 335-13-411, paren 1.  A. 335-13-411, which is, General Standards Design for Disposal Facility; is that where you're at?  Q. Correct.  A. And you're in the (1), which is General Standards?  Q. Correct.  A. Okay.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	MR. WHITE: I can tell him what it is.  Q. It's a bit beyond this letter. You should be able to find this letter. And I'm sorry. Appendix F. Keep going to Appendix F.  A. There's F. Q. There's F. Did you get to 5a? A. There's the letter, I guess. Q. Keep going. A. Okay. Q. Yeah, keep going. A. 5a, got it. There we go. Q. Now  MR. SASSER: All right. Now what are we looking at again?  MR. LUDDER: Figure 5a in Appendix F.  THE WITNESS: It's very similar to the other one.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. Okay, okay. Do siting standards in Rule 335-13-401 have to be complied with before establishing a landfill?  A. One more time.  Q. Yes. Do the siting standards in Rule 335-13-401 have to be fully complied with before establishing a landfill?  A. How would you establishing a landfill? I'm not sure. Is that permitting a landfill or constructing a landfill?  Q. All right. Let me refer you then to Rule 335-13-411, paren 1.  A. 335-13-411, which is, General Standards Design for Disposal Facility; is that where you're at?  Q. Correct.  A. And you're in the (1), which is General Standards?  Q. Correct.  A. Okay.  Q. So would you read the first	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	is  MR. WHITE: I can tell him what it is.  Q. It's a bit beyond this letter. You should be able to find this letter. And I'm sorry. Appendix F. Keep going to Appendix F.  A. There's F. Q. There's F. Did you get to 5a? A. There's the letter, I guess. Q. Keep going. A. Okay. Q. Yeah, keep going. A. 5a, got it. There we go. Q. Now  MR. SASSER: All right. Now what are we looking at again?  MR. LUDDER: Figure 5a in Appendix F.  THE WITNESS: It's very similar to
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. Okay, okay. Do siting standards in Rule 335-13-401 have to be complied with before establishing a landfill?  A. One more time.  Q. Yes. Do the siting standards in Rule 335-13-401 have to be fully complied with before establishing a landfill?  A. How would you establishing a landfill? I'm not sure. Is that permitting a landfill or constructing a landfill?  Q. All right. Let me refer you then to Rule 335-13-411, paren 1.  A. 335-13-411, which is, General Standards Design for Disposal Facility; is that where you're at?  Q. Correct.  A. And you're in the (1), which is General Standards?  Q. Correct.  A. Okay.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	MR. WHITE: I can tell him what it is.  Q. It's a bit beyond this letter. You should be able to find this letter. And I'm sorry. Appendix F. Keep going to Appendix F.  A. There's F. Q. There's F. Did you get to 5a? A. There's the letter, I guess. Q. Keep going. A. Okay. Q. Yeah, keep going. A. 5a, got it. There we go. Q. Now  MR. SASSER: All right. Now what are we looking at again?  MR. LUDDER: Figure 5a in Appendix F.  THE WITNESS: It's very similar to the other one.

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	Page 380		Page 382
1	BY MR. LUDDER:	1	Appendix F.
2	Q. Comparing Figure 5a to Figure 5,	2	MR. LUDDER: Appendix 2.1, Appendix
3	does there appear to be any difference?	3	F within that appendix.
4	A. A little bit. They got a	4	HEARING OFFICER: Okay. And that's
5	different Section S1 is S1a and -b in this	5	all in document
6	one. Are you asking the site, or are you	6	MR. LUDDER: J-3, Part I.
7	asking	7	HEARING OFFICER: J-3, Part I. All
8	Q. Just the diagram in the middle of	8	right. I think that's the best we can
9	this figure	9	do.
10	A. Okay. You're asking for the site.	10	MR. WHITE: Well, I mean as far as
11	Q is there any difference	11	the designation what it's what
12	between that and the diagram in Figure 5a, that	12	it is.
13	you can tell?	13	HEARING OFFICER: And is that a map
14	A. It the shape appears to be the	14	of some kind? I can't see it from
15	same, but the map is such not near as good a	15	here very well.
16	map to tell	16	THE WITNESS: It is a map showing a
17	Q. Okay.	17	site with some and, again, it has
18	A with what we're looking at.	18	some wetlands and streams information
19	Q. Okay. Now, are the is the	19	on it.
20	wetland	20	HEARING OFFICER: All right.
21	MR. WHITE: I'm going to object.	21	THE WITNESS: It's similar to the
22	Can we identify what document we're	22	other one.
23	looking at? What is this document,	23	MR. LUDDER: Similar to Figure 5
	footing at the first is this document,	-0	MARK Debbber similar to Figure 5
	Page 381		Page 383
1	for the record?	1	that we were just talking about,
2	THE WITNESS: It is Figure 5a:	2	correct?
3	Wetlands and Waters of the U.S.	3	THE WITNESS: Correct.
		_	THE WITHESS. Concet.
4	Delineation Map, which is from TTL.	4	BY MR. LUDDER:
<b>4</b> 5	Delineation Map, which is from TTL. Similar to the other one.		
		4 5	BY MR. LUDDER:
5	Similar to the other one.	4 5	BY MR. LUDDER:  Q. Now, if you compare the legends in
5 6	Similar to the other one. HEARING OFFICER: Let me give them	4 5 6	BY MR. LUDDER:  Q. Now, if you compare the legends in the two maps and tell me if you see any
5 6 7	Similar to the other one.  HEARING OFFICER: Let me give them a chance to find it. Do y'all want to	4 5 6 7	BY MR. LUDDER:  Q. Now, if you compare the legends in the two maps and tell me if you see any difference in the legends.
5 6 7 8	Similar to the other one.  HEARING OFFICER: Let me give them a chance to find it. Do y'all want to look for it? You don't got it?	4 5 6 7 8	BY MR. LUDDER:  Q. Now, if you compare the legends in the two maps and tell me if you see any difference in the legends.  A. All right.
5 6 7 8 9	Similar to the other one.  HEARING OFFICER: Let me give them a chance to find it. Do y'all want to look for it? You don't got it?  MR. WELLS: We have this.	4 5 6 7 8 9	BY MR. LUDDER: Q. Now, if you compare the legends in the two maps and tell me if you see any difference in the legends. A. All right. HEARING OFFICER: Excuse me,
5 6 7 8 9	Similar to the other one.  HEARING OFFICER: Let me give them a chance to find it. Do y'all want to look for it? You don't got it?  MR. WELLS: We have this.  HEARING OFFICER: You got it?	4 5 6 7 8 9	BY MR. LUDDER: Q. Now, if you compare the legends in the two maps and tell me if you see any difference in the legends. A. All right. HEARING OFFICER: Excuse me, Mr. Story. We'll start the
5 6 7 8 9 10	Similar to the other one.  HEARING OFFICER: Let me give them a chance to find it. Do y'all want to look for it? You don't got it?  MR. WELLS: We have this.  HEARING OFFICER: You got it?  MR. WHITE: We have it. I just	4 5 6 7 8 9 10	BY MR. LUDDER: Q. Now, if you compare the legends in the two maps and tell me if you see any difference in the legends. A. All right. HEARING OFFICER: Excuse me, Mr. Story. We'll start the difference between 5a and 5, right?
5 6 7 8 9 10 11	Similar to the other one.  HEARING OFFICER: Let me give them a chance to find it. Do y'all want to look for it? You don't got it?  MR. WELLS: We have this.  HEARING OFFICER: You got it?  MR. WHITE: We have it. I just want, for the record, for him to say	4 5 6 7 8 9 10 11	BY MR. LUDDER:  Q. Now, if you compare the legends in the two maps and tell me if you see any difference in the legends.  A. All right.  HEARING OFFICER: Excuse me, Mr. Story. We'll start the difference between 5a and 5, right?  MR. LUDDER: Correct.
5 6 7 8 9 10 11 12	Similar to the other one.  HEARING OFFICER: Let me give them a chance to find it. Do y'all want to look for it? You don't got it?  MR. WELLS: We have this.  HEARING OFFICER: You got it?  MR. WHITE: We have it. I just want, for the record, for him to say what it is he's looking at. I know	4 5 6 7 8 9 10 11 12 13	BY MR. LUDDER:  Q. Now, if you compare the legends in the two maps and tell me if you see any difference in the legends.  A. All right.  HEARING OFFICER: Excuse me,  Mr. Story. We'll start the difference between 5a and 5, right?  MR. LUDDER: Correct.  THE WITNESS: Correct.
5 6 7 8 9 10 11 12 13	Similar to the other one.  HEARING OFFICER: Let me give them a chance to find it. Do y'all want to look for it? You don't got it?  MR. WELLS: We have this.  HEARING OFFICER: You got it?  MR. WHITE: We have it. I just want, for the record, for him to say what it is he's looking at. I know he's looking at a page in the	4 5 6 7 8 9 10 11 12 13 14	BY MR. LUDDER:  Q. Now, if you compare the legends in the two maps and tell me if you see any difference in the legends.  A. All right.  HEARING OFFICER: Excuse me, Mr. Story. We'll start the difference between 5a and 5, right?  MR. LUDDER: Correct.  THE WITNESS: Correct.  A. All right. In the legend, data
5 6 7 8 9 10 11 12 13 14	Similar to the other one.  HEARING OFFICER: Let me give them a chance to find it. Do y'all want to look for it? You don't got it?  MR. WELLS: We have this.  HEARING OFFICER: You got it?  MR. WHITE: We have it. I just want, for the record, for him to say what it is he's looking at. I know he's looking at a page in the document, but I just want him to	4 5 6 7 8 9 10 11 12 13 14	BY MR. LUDDER: Q. Now, if you compare the legends in the two maps and tell me if you see any difference in the legends. A. All right. HEARING OFFICER: Excuse me, Mr. Story. We'll start the difference between 5a and 5, right? MR. LUDDER: Correct. THE WITNESS: Correct. A. All right. In the legend, data points appear to be the same. Intermittent on
5 6 7 8 9 10 11 12 13 14 15	Similar to the other one.  HEARING OFFICER: Let me give them a chance to find it. Do y'all want to look for it? You don't got it?  MR. WELLS: We have this.  HEARING OFFICER: You got it?  MR. WHITE: We have it. I just want, for the record, for him to say what it is he's looking at. I know he's looking at a page in the document, but I just want him to identify it for the record.	4 5 6 7 8 9 10 11 12 13 14 15	BY MR. LUDDER: Q. Now, if you compare the legends in the two maps and tell me if you see any difference in the legends. A. All right. HEARING OFFICER: Excuse me, Mr. Story. We'll start the difference between 5a and 5, right? MR. LUDDER: Correct. THE WITNESS: Correct. A. All right. In the legend, data points appear to be the same. Intermittent on one on 5, I should say, is 2,020 linear feet.
5 6 7 8 9 10 11 12 13 14 15 16 17	Similar to the other one.  HEARING OFFICER: Let me give them a chance to find it. Do y'all want to look for it? You don't got it?  MR. WELLS: We have this.  HEARING OFFICER: You got it?  MR. WHITE: We have it. I just want, for the record, for him to say what it is he's looking at. I know he's looking at a page in the document, but I just want him to identify it for the record.  HEARING OFFICER: Sure.  MR. WHITE: Can you identify it for	4 5 6 7 8 9 10 11 12 13 14 15 16	BY MR. LUDDER: Q. Now, if you compare the legends in the two maps and tell me if you see any difference in the legends. A. All right. HEARING OFFICER: Excuse me, Mr. Story. We'll start the difference between 5a and 5, right? MR. LUDDER: Correct. THE WITNESS: Correct. A. All right. In the legend, data points appear to be the same. Intermittent on one on 5, I should say, is 2,020 linear feet. On 5a, it is 1,130 linear feet. The perennial is the same. There's an additional one on 5a
5 6 7 8 9 10 11 12 13 14 15 16 17	Similar to the other one.  HEARING OFFICER: Let me give them a chance to find it. Do y'all want to look for it? You don't got it?  MR. WELLS: We have this.  HEARING OFFICER: You got it?  MR. WHITE: We have it. I just want, for the record, for him to say what it is he's looking at. I know he's looking at a page in the document, but I just want him to identify it for the record.  HEARING OFFICER: Sure.	4 5 6 7 8 9 10 11 12 13 14 15 16 17	BY MR. LUDDER: Q. Now, if you compare the legends in the two maps and tell me if you see any difference in the legends. A. All right. HEARING OFFICER: Excuse me, Mr. Story. We'll start the difference between 5a and 5, right? MR. LUDDER: Correct. THE WITNESS: Correct. A. All right. In the legend, data points appear to be the same. Intermittent on one on 5, I should say, is 2,020 linear feet. On 5a, it is 1,130 linear feet. The perennial
5 6 7 8 9 10 11 12 13 14 15 16 17 18	Similar to the other one.  HEARING OFFICER: Let me give them a chance to find it. Do y'all want to look for it? You don't got it?  MR. WELLS: We have this.  HEARING OFFICER: You got it?  MR. WHITE: We have it. I just want, for the record, for him to say what it is he's looking at. I know he's looking at a page in the document, but I just want him to identify it for the record.  HEARING OFFICER: Sure.  MR. WHITE: Can you identify it for the record, please? Is that	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	BY MR. LUDDER: Q. Now, if you compare the legends in the two maps and tell me if you see any difference in the legends. A. All right. HEARING OFFICER: Excuse me, Mr. Story. We'll start the difference between 5a and 5, right? MR. LUDDER: Correct. THE WITNESS: Correct. A. All right. In the legend, data points appear to be the same. Intermittent on one on 5, I should say, is 2,020 linear feet. On 5a, it is 1,130 linear feet. The perennial is the same. There's an additional one on 5a that says do you want me to read it?
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Similar to the other one.  HEARING OFFICER: Let me give them a chance to find it. Do y'all want to look for it? You don't got it?  MR. WELLS: We have this.  HEARING OFFICER: You got it?  MR. WHITE: We have it. I just want, for the record, for him to say what it is he's looking at. I know he's looking at a page in the document, but I just want him to identify it for the record.  HEARING OFFICER: Sure.  MR. WHITE: Can you identify it for the record, please? Is that  HEARING OFFICER: It's Figure 5a of	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	BY MR. LUDDER:  Q. Now, if you compare the legends in the two maps and tell me if you see any difference in the legends.  A. All right.  HEARING OFFICER: Excuse me, Mr. Story. We'll start the difference between 5a and 5, right?  MR. LUDDER: Correct.  THE WITNESS: Correct.  A. All right. In the legend, data points appear to be the same. Intermittent on one on 5, I should say, is 2,020 linear feet. On 5a, it is 1,130 linear feet. The perennial is the same. There's an additional one on 5a that says do you want me to read it?  Q. Ephemeral?  A. Ephemeral at 890 linear feet, and
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Similar to the other one.  HEARING OFFICER: Let me give them a chance to find it. Do y'all want to look for it? You don't got it?  MR. WELLS: We have this.  HEARING OFFICER: You got it?  MR. WHITE: We have it. I just want, for the record, for him to say what it is he's looking at. I know he's looking at a page in the document, but I just want him to identify it for the record.  HEARING OFFICER: Sure.  MR. WHITE: Can you identify it for the record, please? Is that  HEARING OFFICER: It's Figure 5a of what?	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	BY MR. LUDDER:  Q. Now, if you compare the legends in the two maps and tell me if you see any difference in the legends.  A. All right.  HEARING OFFICER: Excuse me, Mr. Story. We'll start the difference between 5a and 5, right?  MR. LUDDER: Correct.  THE WITNESS: Correct.  A. All right. In the legend, data points appear to be the same. Intermittent on one on 5, I should say, is 2,020 linear feet. On 5a, it is 1,130 linear feet. The perennial is the same. There's an additional one on 5a that says do you want me to read it?  Q. Ephemeral?

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1	does not appear in Figure 5, correct?	1	landfill or any do you think any cells could
2	A. Well, there's a there's an S1a	2	be built if the wetlands and streams are
3	and S1b in 5a, and there's only an S1 in in	3	excluded by the Commission?
4	Figure 5. And then the per the S1a is the	4	A. Yes.
5	ephemeral one. I guess it's included. It's	5	Q. Okay. But it would be a smaller
6	just a different	6	landfill than what's now permitted here,
7	Q. Okay. So what you're saying is	7	correct?
8	that the legend in Figure 5 does not include	8	MR. WHITE: I'm going to object to
9	ephemeral stream?	9	leading.
10	A. Correct.	10	HEARING OFFICER: Overruled.
11	Q. But it is included in Figure 5a,	11	THE WITNESS: Should I answer?
12	correct?	12	HEARING OFFICER: It would be about
13	A. Correct.	13	half, wouldn't it?
14	Q. Okay. Now, if the Commission	14	THE WITNESS: Yes, sir.
15	determines that the landfill expansion	15	BY MR. LUDDER:
16	footprint or the footprint of the landfill	16	Q. The new or the if the
17	expansion in Exhibit P-5 cannot be located in	17	landfill did not include the wetlands and
18	any area where there are wetlands or streams,	18	streams, it would be about half the size of
19	would that reduce the available acreage for	19	what's now been permitted, correct?
20	solid waste cells?	20	A. That's what it appears.
21	A. Well, there is a wetland	21	Q. And at half the size, would be
22	in currently in that area.	22	active life of the landfill be shortened?
23	Q. Right. So if the Commission says	23	A. Yes.
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1	that a landfill expansion cannot be located	1	Q. From what it's permitted now?
2	anywhere in that wetland area, would that reduce	2	A. We don't permit the life of the
3	the acreage available for landfill cells?	3	landfill.
4	A. Yes.	4	Q. I understand. From the size of
5	Q. And would it substantially reduce	5	the landfill that's permitted now?
6	the acreage?	6	A. Right.
7	A. Well, you've got a boundary that	7	Q. The active life of the landfill
8	you've got to have, so it it half	8	would be shorter if you exclude the wetlands,
9	probably, maybe.	9	correct?
10	Q. Okay.	10	A. It wouldn't have as much air
11	A. Something like that.	11	space, so it would fill up quicker.
12	Q. Okay. Do you think the landfill	12	Q. Okay. All right. If you could
13	could be built or do you think do you	13	now, still in J-3, Part I, the operations
14	think the landfill could be built if they	14	manual, turn to Section 7.2, which, I believe,
15	exclude the wetlands and streams in the	15	would be way to the rear.
16	footprint? Or any portion of the landfill could	16	A. I guess I'll go back here then.
17	be built there?	17	Okay. There you go.
18	A. Yes.	18	Q. All right. You found Section 7.2?
19	Q. You think it could be?	19	A. Yes.
20	A. Maybe I didn't understand your	20	Q. What does that address?
21			
21	question. I'm sorry. Go ahead. Obviously, I	21	A. Daily cover.
22	must not have. Ask me again.	21 22	Q. I'm sorry?
	-		•

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1	Q. Okay. And daily cover for what	1	Q. In Paragraph 2 of Section 7.2,
2	landfill?	2	does it describe the purpose of cover material?
3	A. It sends section it says,	3	A. Paragraph 2 of 7.2?
4	Specific Requirements for MSW Disposal. So it	4	Q. Right.
5	would be for the MSW portion.	5	A. Do you want me to read it?
6	Q. So that would be for the green	6	Q. Does it well, okay. Just read
7	landfill expansion area in Exhibit P-5?	7	the second sentence.
8	A. Correct.	8	A. Okay. The earthen cover material
9	Q. And it would not be for the	9	will be placed and compacted to a minimum depth
10	construction and demolition landfill, correct?	10	of six inches to control disease, vectors,
11	A. Correct.	11	fires, odors, blowing litter, and scavenging.
12	Q. And would you read the first	12	Q. All right. What are vectors?
13	sentence under 7.2?	13	A. I think you know, buzzards,
14	A. Sure. 7.2 is, Cover Material.	14	animals like that. I guess I mean, that's
15	At the conclusion of each working day, the	15	what my what I think vectors would be, things
16	Landfill Operator shall cover the general	16	that would come in there, and, you know I
17	working face of the landfill with a minimum of	17	just similar-type stuff like that.
18	six inches of compacted earth cover or an	18	Q. Okay. Would that include coyotes?
19	approved alternate daily material.	19	A. Yes if a coyote is a vector.
20	Q. Okay. And would you read	20	I'm assuming that's what I've never actually
21	the the third paragraph in Section 7.2?	21	looked up the definition of a "vector," but I
22	A. Start with, Spray-on?	22	assume thought that's what it was.
23	Q. Right.	23	Q. Would it be fair to say it's
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1	A. Spray-on, polymer-based materials,	1	A. Since it's not covered in any the
2	or reusable geosynthetic covers may be used for	2	other ones, I figure that's what it is. How
3	alternate daily cover material. Requests for	3	about that?
4	the use of an ADC will be submitted to ADEM for	4	Q. Would it be fair to say that a
5	approval. This cover shall be used for daily	5	vector might be something that goes in and out
6	cover operations over the active cell. At the	6	of the landfill?
7	end of each week, an earthen cover as described	7	A. Yes.
8	above shall be required for over the active	8	Q. And the term "scavenging," what
9	cell.	9	does that refer to?
10	Q. All right. Now, what is the	10	A. I think it may have more than one
11	purpose of a daily cover at a landfill?	11	meaning. I assume it could be something coming
12	A. There's numerous things. Number	12	in there getting material out of there, or
13	one: Odors, vectors, control that. If you	13	somebody. It could be an animal or a person, I
14	cover it, then hopefully there's no smell, and	14	guess, coming in there to getting stuff out
15	it keeps the rodents and stuff away. And also	15	of the landfill.

then hopefully it hits the dirt and won't spread 17 18 to the whole landfill. 19 MR. LUDDER: Okay. Did the court 20 reporter get all that? COURT REPORTER: Yes. 21

it's a firebreak to -- in case there's a fire,

22 MR. LUDDER: Okay.

BY MR. LUDDER:

for food?

A. Correct.

at Rule 335-13-4-.22.

Q. Okay. So it might refer to an

animal that comes in to scavenge or to forage

Q. Now, the -- all right. You were

just looking at the rule, I believe. Let's look

16

16

17

18

19

20

21

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1	Q. Now, does that what's the title	1	other means to to other things we may do
2	of that rule?	2	to help the situation, to make it
3	A. Specific Requirements for	3	Q. Okay. Are you aware of any
4	Municipal Solid Waste Landfills.	4	situation in Alabama where the Department has
5	Q. All right. So that rule does not	5	required more than six inches of cover material?
6	address anything to do with a construction and	6	A. I'm not.
7	demolition landfill, correct?	7	Q. All right. Let me refer you now
8	A. Correct.	8	to Exhibit J-1 Joint Exhibit J-1. And do you
9	Q. Paragraph (1)(a)1 oh,	9	recognize Exhibit J-1?
10	just if you would, read from (a) to (a)1,	10	A. Yes.
11	please.	11	Q. And what is that?
12	A. All right.	12	A. That is the permit modification
13	All waste shall be covered as follows:	13	for the City of Dothan.
14	And 1 says, A minimum of six inches of	14	Q. Okay. And if you would, turn to
15	compacted earth or other alternative cover	15	Section III.
16	material that includes but is not limited to	16	A. All right.
17	foams, geosynthetic or waste products, and is	17	Q. And the title of that section is
18	approved by the Department shall be added at the	18	what?
19	conclusion of each day's operation or as	19	A. Specific Specific MSW Landfill
20	otherwise approved by the Department to control	20	Requirements.
21	disease vectors, fires, odors, blowing litter,	21	Q. All right. And now, turn to the
22	and scavenging.	22	Subsection H. Do you see that on Page 8?
23	Q. Okay. Does the Department have	23	A. Yes, sir.
	Page 393		Page 395
1	the authority, under the rules, to require more	1	Q. And would you read that, please?
2	than six inches of daily cover?	2	A. H is Cover Requirements.
3	A. It says a "minimum," so I would	3	The Permittee shall cover all wastes as
1 .	11.1	1 .	' 11 225 12 FD1 ' ' 1 1'1 '

- guess, possibly.
- 5 Q. All right. If you would, look at
- Exhibit P-6 again, of the same rule, Paragraph 6
- (3)(b). And if you would, read that. 7
  - A. All right. (3) is Additional
- Requirements, and (b) is, Notwithstanding this
- Rule, additional requirements for operating and 10
- maintaining a MSW -- or yeah -- MSW landfill may 11
- be imposed by the Department, as deemed 12
- 13 necessary, to comply with the Act -- with the
- Act and this Division. 14

8

- Q. All right. If six inches of daily 15 cover are not enough to control bad odors
- 16 leaving the site, or control these vectors, such 17
- as buzzards, or control vectors such as coyotes, 18
- if six inches of daily cover with soil is not 19
- 20 enough to control those, would the Department
- consider asking for -- asking -- or imposing a 21
- 22 larger depth of cover material?
- 23 A. It is possible, and there may be

- required by 335-13. The municipal solid waste
- disposal area shall be covered at the conclusion
- of each day's activity. The construction and
- 7 demolition waste area shall be covered at the
- conclusion of each week's activities. 8
- Q. Can you explain to me why the 9 title of Section III says, Specific MSW Landfill 10
- Requirements, and Subsection H addresses 11
- construction and demolition waste disposal 12
- requirements? 13
- A. Because -- yes, I can. We had to 14 find a place to put it there somewhere, and this seemed as good a place as any. 16
  - Q. Okay.
- A. The -- most permits are 18
- boilerplate permits for -- in this case designed 19
- 20 for MSW permits -- when they add a second
- working face in there for a C&D. We wanted to 21
- 22 make sure it was in there somewhere, and there's
- 23 the cover requirements, and we kind of stuck it

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1	in there for that.	1	Q. Okay. Are those alternative
2	Q. I'm sorry. You said most permits	2	covers pretty much the kind that were described
3	are what?	3	in the rule?
4	A. Are boilerplates, what we start	4	A. Yes.
5	out with. And so when you this one is more	5	Q. That's the rule that we referred
6	specific for an MSW. When we added the C&D	6	to earlier as 335-13-422, paren 1, paren a,
7	requirements in there when they had two working	7	correct?
	faces, we didn't wanted to make sure we had		A. Yes, sir.
8	that requirement in there. I mean, that's kind	8	Q. Okay. Now, do you know if those
9	of where we put it.		alternative covers were approved by ADEM by
10	Q. Okay.	10 11	letter or by permit modification?
11	•		~ ~
12	A. Just so it was in the permit.	12	A. They are currently I can speak
13	Q. Okay. Is it common to mix	13	for currently they are all in the permit,
14	construction and demolition requirements with	14	currently.
15	municipal solid waste requirements in the same	15	Q. Okay. And was there a time in
16	permit?	16	which they were approved by letter?  A. Yes.
17	A. Yes. And we we typically have that. That's how we do it.	17	Q. Do you know when the time changed?
18		18	Or
19	<ul><li>Q. Okay.</li><li>A. We weren't going to provide them a</li></ul>	19	A. About the time that I took over
20		20	as I'm not saying it was because I about
21	second permit for the C&D, so Q. Okay. Now, absent of in the	21 22	that same time as when I took over is when it
22	first sentence of Subsection H, where it refers	23	changed. We had more staff, and we were making
23	hist sentence of Subsection 11, where it refers	23	changed. We had more starr, and we were making
	Page 397		Page 399
1	to 335-13, does that refer to all of Division	1	sure everything was in the permit. So somebody
2	335-13 of the ADEM rules?	2	looked at the permit and everything was in it,
3	A. Apparently, yes. That's what it	3	so we included we didn't want to have a
4	says.	4	letter in the file and stuff, so we it's
5	Q. So it doesn't refer to a specific	5	all everything is in the permit.
6	chapter?	6	Q. So that would have been, like, how
7	A. It doesn't in this case, no. It	7	many years ago?
8	does not.	8	A. Whenever the solid waste rule
9	Q. Okay. Do you know how many	9	changed. '07, '08, something like that.
10	municipal solid waste landfills there are in the	10	Q. Okay.
11	state?	11	A. Maybe '09. It might have taken us
12	A. Probably around 30.	12	a little longer to get it all in the permit, but
13			
14	Q. Okay. Do you know how many of	13	that's when we started doing it.
	those operate with approved alternative cover?	13 14	Q. Okay. Now, are you familiar with
15	those operate with approved alternative cover?  A. I would I do not know. I could		Q. Okay. Now, are you familiar with the term "major permit modification"?
15 16	those operate with approved alternative cover?  A. I would I do not know. I could speculate if you want me to speculate.	14	Q. Okay. Now, are you familiar with the term "major permit modification"?  A. Yes.
	those operate with approved alternative cover?  A. I would I do not know. I could speculate if you want me to speculate.  Q. No, I wouldn't call it	14 15	Q. Okay. Now, are you familiar with the term "major permit modification"?  A. Yes.  Q. What does that mean?
16	those operate with approved alternative cover?  A. I would I do not know. I could speculate if you want me to speculate.  Q. No, I wouldn't call it speculation. Do you have an educated guess?	14 15 16	Q. Okay. Now, are you familiar with the term "major permit modification"?  A. Yes. Q. What does that mean? A. That is a permit modification
16 17	those operate with approved alternative cover?  A. I would I do not know. I could speculate if you want me to speculate.  Q. No, I wouldn't call it speculation. Do you have an educated guess?  A. Okay. My educated guess is it'd	14 15 16 17	Q. Okay. Now, are you familiar with the term "major permit modification"?  A. Yes. Q. What does that mean? A. That is a permit modification that you want me to read what the
16 17 18	those operate with approved alternative cover?  A. I would I do not know. I could speculate if you want me to speculate.  Q. No, I wouldn't call it speculation. Do you have an educated guess?  A. Okay. My educated guess is it'd be most of them.	14 15 16 17 18	Q. Okay. Now, are you familiar with the term "major permit modification"?  A. Yes. Q. What does that mean? A. That is a permit modification
16 17 18 19	those operate with approved alternative cover?  A. I would I do not know. I could speculate if you want me to speculate.  Q. No, I wouldn't call it speculation. Do you have an educated guess?  A. Okay. My educated guess is it'd be most of them.  Q. Most of them allow alternative	14 15 16 17 18 19	Q. Okay. Now, are you familiar with the term "major permit modification"?  A. Yes. Q. What does that mean? A. That is a permit modification that you want me to read what the permit would it be easier to read what it is? Q. Sure, sure.
16 17 18 19 20	those operate with approved alternative cover?  A. I would I do not know. I could speculate if you want me to speculate.  Q. No, I wouldn't call it speculation. Do you have an educated guess?  A. Okay. My educated guess is it'd be most of them.  Q. Most of them allow alternative covers?	14 15 16 17 18 19 20	Q. Okay. Now, are you familiar with the term "major permit modification"?  A. Yes. Q. What does that mean? A. That is a permit modification that you want me to read what the permit would it be easier to read what it is? Q. Sure, sure. A. All right. I'm going
16 17 18 19 20 21	those operate with approved alternative cover?  A. I would I do not know. I could speculate if you want me to speculate.  Q. No, I wouldn't call it speculation. Do you have an educated guess?  A. Okay. My educated guess is it'd be most of them.  Q. Most of them allow alternative	14 15 16 17 18 19 20 21	Q. Okay. Now, are you familiar with the term "major permit modification"?  A. Yes. Q. What does that mean? A. That is a permit modification that you want me to read what the permit would it be easier to read what it is? Q. Sure, sure.

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1	335-13-50	1	change, would the Department go to public notice
2	A. Yeah, I didn't think I had it.	2	and receive public comment on that change?
3	I've got 1 and 4 here. I don't know if I've got	3	A. No, they would not.
4	5 here.	4	Q. They would not?
5	Q. Yeah, I don't think you do. All	5	A. No, sir.
6	right. There are certain types of permit	6	Q. So the public would have no way of
7	modifications that are classified as "major,"	7	knowing that a variance was being granted?
8	correct?	8	A. All of our files are available
9	A. Correct.	9	online.
10	Q. Do you know if alternative covers	10	Q. All right. If the Commission
11	are classified as a "major modification"?	11	determines that this permit modification for the
12	A. They're not.	12	Dothan landfill expansion should not
13	Q. They're not? And if they're not a	13	include I withdraw the question.
14	major modification, how are they classified?	14	Let's look at J-1 where it talks
15	A. We classify them as a variance.	15	about I'll withdraw that.
16	Q. Okay. So it would not be a major	16	MR. SASSER: David, how much longer
17	or a minor permit modification?	17	you got?
18	A. I mean, it is changing permit	18	MR. LUDDER: Huh?
19	conditions, but it's it's under the variance.	19	MR. SASSER: How much longer you
20	It's under the	20	got?
21	Q. It's it's only by way of a	21	MR. LUDDER: We got one more
22	variance?	22	MR. SASSER: Do you mind?
23	A. Yes, sir.	23	MR. LUDDER: No.
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_			
1	Q. Do you but the variance is	1	MR. SASSER: Could I ask the Judge
2	Q. Do you but the variance is incorporated into a permit modification; is that	1 2	MR. SASSER: Could I ask the Judge and audience for a short five-minute
	· · · · · · · · · · · · · · · · · · ·		
2	incorporated into a permit modification; is that	2	and audience for a short five-minute
2	incorporated into a permit modification; is that right?	2	and audience for a short five-minute break?
2 3 4	incorporated into a permit modification; is that right?  A. I the term "modification" has a	2 3 4	and audience for a short five-minute break?  HEARING OFFICER: Sure. Let's take
2 3 4 5	incorporated into a permit modification; is that right?  A. I the term "modification" has a specific meaning, and this is not a	2 3 4 5	and audience for a short five-minute break?  HEARING OFFICER: Sure. Let's take ten ten minutes.
2 3 4 5 6	incorporated into a permit modification; is that right?  A. I the term "modification" has a specific meaning, and this is not a modification. It's it's a variance. It's variances that's in the permit I mean, it's in our regs what a variance is, and so that's	2 3 4 5 6	and audience for a short five-minute break?  HEARING OFFICER: Sure. Let's take ten ten minutes.  MR. SASSER: Thank you, sir.
2 3 4 5 6 7	incorporated into a permit modification; is that right?  A. I the term "modification" has a specific meaning, and this is not a modification. It's it's a variance. It's variances that's in the permit I mean, it's	2 3 4 5 6 7	and audience for a short five-minute break?  HEARING OFFICER: Sure. Let's take ten ten minutes.  MR. SASSER: Thank you, sir.  HEARING OFFICER: You're welcome.
2 3 4 5 6 7 8	incorporated into a permit modification; is that right?  A. I the term "modification" has a specific meaning, and this is not a modification. It's it's a variance. It's variances that's in the permit I mean, it's in our regs what a variance is, and so that's	2 3 4 5 6 7 8	and audience for a short five-minute break?  HEARING OFFICER: Sure. Let's take ten ten minutes.  MR. SASSER: Thank you, sir.  HEARING OFFICER: You're welcome.  (A brief recess was taken.)  HEARING OFFICER: All right. We're back on the record.
2 3 4 5 6 7 8 9	incorporated into a permit modification; is that right?  A. I the term "modification" has a specific meaning, and this is not a modification. It's it's a variance. It's variances that's in the permit I mean, it's in our regs what a variance is, and so that's how it was handled.  Q. Okay.  A. It is changing the permit, yes.	2 3 4 5 6 7 8 9	and audience for a short five-minute break?  HEARING OFFICER: Sure. Let's take ten ten minutes.  MR. SASSER: Thank you, sir.  HEARING OFFICER: You're welcome.  (A brief recess was taken.)  HEARING OFFICER: All right. We're
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	incorporated into a permit modification; is that right?  A. I the term "modification" has a specific meaning, and this is not a modification. It's it's a variance. It's variances that's in the permit I mean, it's in our regs what a variance is, and so that's how it was handled.  Q. Okay.  A. It is changing the permit, yes.  The permit the language is different, but it's not a modification. It doesn't fall into either one of the major or minor modifications, if that's what you're getting if that's what you're asking.  Q. Well, what I'm asking is: Would you have to alter the permit in any way to A. Yes, we do.  Q to accomplish a variance?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	and audience for a short five-minute break?  HEARING OFFICER: Sure. Let's take ten ten minutes.  MR. SASSER: Thank you, sir.  HEARING OFFICER: You're welcome.  (A brief recess was taken.)  HEARING OFFICER: All right. We're back on the record.  BY MR. LUDDER:  Q. All right. Mr. Story, would you now look at Exhibit J-3 Part I, the operations manual, at Section 8.1(a)?  A. Thank you. Yes.  Q. And what does that refer to?  A. Section 8 is, Specific  Requirements for Construction/Demolition  Disposal, and then 8.1 is Operation of  Construction/Demolition Disposal Area. And you
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	incorporated into a permit modification; is that right?  A. I the term "modification" has a specific meaning, and this is not a modification. It's it's a variance. It's variances that's in the permit I mean, it's in our regs what a variance is, and so that's how it was handled.  Q. Okay.  A. It is changing the permit, yes.  The permit the language is different, but it's not a modification. It doesn't fall into either one of the major or minor modifications, if that's what you're getting if that's what you're asking.  Q. Well, what I'm asking is: Would you have to alter the permit in any way to  A. Yes, we do.  Q to accomplish a variance?  A. Yes.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	and audience for a short five-minute break?  HEARING OFFICER: Sure. Let's take ten ten minutes.  MR. SASSER: Thank you, sir.  HEARING OFFICER: You're welcome.  (A brief recess was taken.)  HEARING OFFICER: All right. We're back on the record.  BY MR. LUDDER:  Q. All right. Mr. Story, would you now look at Exhibit J-3 Part I, the operations manual, at Section 8.1(a)?  A. Thank you. Yes.  Q. And what does that refer to?  A. Section 8 is, Specific  Requirements for Construction/Demolition  Disposal, and then 8.1 is Operation of  Construction/Demolition Disposal Area. And you asked for (a)?
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	incorporated into a permit modification; is that right?  A. I the term "modification" has a specific meaning, and this is not a modification. It's it's a variance. It's variances that's in the permit I mean, it's in our regs what a variance is, and so that's how it was handled.  Q. Okay.  A. It is changing the permit, yes.  The permit the language is different, but it's not a modification. It doesn't fall into either one of the major or minor modifications, if that's what you're getting if that's what you're asking.  Q. Well, what I'm asking is: Would you have to alter the permit in any way to  A. Yes, we do.  Q to accomplish a variance?  A. Yes.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	and audience for a short five-minute break?  HEARING OFFICER: Sure. Let's take ten ten minutes.  MR. SASSER: Thank you, sir.  HEARING OFFICER: You're welcome.  (A brief recess was taken.)  HEARING OFFICER: All right. We're back on the record.  BY MR. LUDDER:  Q. All right. Mr. Story, would you now look at Exhibit J-3 Part I, the operations manual, at Section 8.1(a)?  A. Thank you. Yes.  Q. And what does that refer to?  A. Section 8 is, Specific  Requirements for Construction/Demolition  Disposal, and then 8.1 is Operation of  Construction/Demolition Disposal Area. And you asked for (a)?

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1	shall be confined I mean, Shall be covered as	1	landfills?
2	follows: 1 says, A minimum of six inches of	2	A. Correct.
3	compacted earth or other alternative cover	3	Q. Okay. Are you familiar with the
	material that includes but is limited but is	4	Arrowhead Landfill?
4	not limited to foams, tarps, tire chips,	5	A. I am.
5	geosynthetic or waste products, and is approved	6	Q. And was there a period of time
6	by the Department shall be added at the	7	when they were disposing of coal ash waste at
7	conclusion of each week's operation or as	8	that landfill?
8	otherwise specified by the Department to control	9	A. Yes.
	disease vectors, fired, odors, blown litter and	_	Q. And were they authorized to use an
10	scavenging.	10 11	alternative cover at that landfill?
11 12	Q. It appears that the rule actually	12	A. I do not have the permit in front
13	says "fired" rather than "fires"	13	of me, but I do believe that is correct.
	A. Correct.	14	Q. And do you know what that
14 15	Q but you're changing it out,	15	alternative cover was?
	because you think that's wrong?	16	A. I'd hate to speculate, but I do
16 17	A. Yeah, I hope so.	17	think it I mean
18	Q. Okay. So how many landfills in	18	HEARING OFFICER: Do you know?
19	Alabama, that you're aware of, use waste	19	A. I don't I don't know for sure.
20	products as cover material?	20	But you know, I don't know for sure.
21	A. There, we have a few of them that	21	Q. All right. Does it does it
22	use, like, petroleum contaminated waste.	22	help you if does do you recall if it was
23	Roadside cleanups, something like that, that	23	coal ash?
23	roadside creatiups, something like that, that	23	cour usir.
	Page 405		Page 407
1	Page 405 they have a	1	Page 407  A. That's what I thought it was.
1 2		1 2	
	they have a		A. That's what I thought it was.
2	they have a Q. I'm sorry. What?	2	<ul><li>A. That's what I thought it was.</li><li>Q. That's what you thought it was?</li></ul>
2	they have a Q. I'm sorry. What? A. Petroleum contaminated waste.	2	<ul><li>A. That's what I thought it was.</li><li>Q. That's what you thought it was?</li><li>A. Yes, I'm pretty sure they</li></ul>
2 3 4	they have a Q. I'm sorry. What? A. Petroleum contaminated waste. There's maybe a tanker spill on the side of the	2 3 4	A. That's what I thought it was. Q. That's what you thought it was? A. Yes, I'm pretty sure they used they were able to use that as
2 3 4 5	they have a Q. I'm sorry. What? A. Petroleum contaminated waste. There's maybe a tanker spill on the side of the road, or something like that, and in cleaning up	2 3 4 5	A. That's what I thought it was. Q. That's what you thought it was? A. Yes, I'm pretty sure they used they were able to use that as Q. So would that be a situation where
2 3 4 5	they have a Q. I'm sorry. What? A. Petroleum contaminated waste. There's maybe a tanker spill on the side of the road, or something like that, and in cleaning up that dirt, then we may allow them to use that as	2 3 4 5 6	A. That's what I thought it was. Q. That's what you thought it was? A. Yes, I'm pretty sure they used they were able to use that as Q. So would that be a situation where they used a waste product as cover material?
2 3 4 5 6 7	they have a Q. I'm sorry. What? A. Petroleum contaminated waste. There's maybe a tanker spill on the side of the road, or something like that, and in cleaning up that dirt, then we may allow them to use that as alternate cover material.	2 3 4 5 6 7	A. That's what I thought it was. Q. That's what you thought it was? A. Yes, I'm pretty sure they used they were able to use that as Q. So would that be a situation where they used a waste product as cover material? A. Correct.
2 3 4 5 6 7 8	they have a Q. I'm sorry. What? A. Petroleum contaminated waste. There's maybe a tanker spill on the side of the road, or something like that, and in cleaning up that dirt, then we may allow them to use that as alternate cover material. Q. Okay. Are you familiar with	2 3 4 5 6 7 8	A. That's what I thought it was. Q. That's what you thought it was? A. Yes, I'm pretty sure they used they were able to use that as Q. So would that be a situation where they used a waste product as cover material? A. Correct. Q. So in that case, they were
2 3 4 5 6 7 8 9	they have a Q. I'm sorry. What? A. Petroleum contaminated waste.  There's maybe a tanker spill on the side of the road, or something like that, and in cleaning up that dirt, then we may allow them to use that as alternate cover material. Q. Okay. Are you familiar with the	2 3 4 5 6 7 8	A. That's what I thought it was. Q. That's what you thought it was? A. Yes, I'm pretty sure they used they were able to use that as Q. So would that be a situation where they used a waste product as cover material? A. Correct. Q. So in that case, they were disposing of coal ash and covering it with coal
2 3 4 5 6 7 8 9	they have a Q. I'm sorry. What? A. Petroleum contaminated waste. There's maybe a tanker spill on the side of the road, or something like that, and in cleaning up that dirt, then we may allow them to use that as alternate cover material. Q. Okay. Are you familiar with the A. But not likely on a C&D landfill	2 3 4 5 6 7 8 9	A. That's what I thought it was. Q. That's what you thought it was? A. Yes, I'm pretty sure they used they were able to use that as Q. So would that be a situation where they used a waste product as cover material? A. Correct. Q. So in that case, they were disposing of coal ash and covering it with coal ash?
2 3 4 5 6 7 8 9 10	they have a Q. I'm sorry. What? A. Petroleum contaminated waste. There's maybe a tanker spill on the side of the road, or something like that, and in cleaning up that dirt, then we may allow them to use that as alternate cover material. Q. Okay. Are you familiar with the A. But not likely on a C&D landfill though.	2 3 4 5 6 7 8 9 10	A. That's what I thought it was. Q. That's what you thought it was? A. Yes, I'm pretty sure they used they were able to use that as Q. So would that be a situation where they used a waste product as cover material? A. Correct. Q. So in that case, they were disposing of coal ash and covering it with coal ash? A. Right.
2 3 4 5 6 7 8 9 10 11	they have a Q. I'm sorry. What? A. Petroleum contaminated waste.  There's maybe a tanker spill on the side of the road, or something like that, and in cleaning up that dirt, then we may allow them to use that as alternate cover material. Q. Okay. Are you familiar with the A. But not likely on a C&D landfill though. Q. Pardon me?	2 3 4 5 6 7 8 9 10 11	A. That's what I thought it was. Q. That's what you thought it was? A. Yes, I'm pretty sure they used they were able to use that as Q. So would that be a situation where they used a waste product as cover material? A. Correct. Q. So in that case, they were disposing of coal ash and covering it with coal ash? A. Right. Q. And the Department authorized that
2 3 4 5 6 7 8 9 10 11 12	they have a Q. I'm sorry. What? A. Petroleum contaminated waste.  There's maybe a tanker spill on the side of the road, or something like that, and in cleaning up that dirt, then we may allow them to use that as alternate cover material. Q. Okay. Are you familiar with the A. But not likely on a C&D landfill though. Q. Pardon me? A. But not likely on a C&D landfill.	2 3 4 5 6 7 8 9 10 11 12	A. That's what I thought it was. Q. That's what you thought it was? A. Yes, I'm pretty sure they used they were able to use that as Q. So would that be a situation where they used a waste product as cover material? A. Correct. Q. So in that case, they were disposing of coal ash and covering it with coal ash? A. Right. Q. And the Department authorized that as an alternative cover? A. Correct. Q. So in effect, they had nothing
2 3 4 5 6 7 8 9 10 11 12 13	they have a Q. I'm sorry. What? A. Petroleum contaminated waste.  There's maybe a tanker spill on the side of the road, or something like that, and in cleaning up that dirt, then we may allow them to use that as alternate cover material. Q. Okay. Are you familiar with the A. But not likely on a C&D landfill though. Q. Pardon me? A. But not likely on a C&D landfill. Q. So waste products would be more	2 3 4 5 6 7 8 9 10 11 12 13	A. That's what I thought it was. Q. That's what you thought it was? A. Yes, I'm pretty sure they used they were able to use that as Q. So would that be a situation where they used a waste product as cover material? A. Correct. Q. So in that case, they were disposing of coal ash and covering it with coal ash? A. Right. Q. And the Department authorized that as an alternative cover? A. Correct.
2 3 4 5 6 7 8 9 10 11 12 13 14	they have a Q. I'm sorry. What? A. Petroleum contaminated waste. There's maybe a tanker spill on the side of the road, or something like that, and in cleaning up that dirt, then we may allow them to use that as alternate cover material. Q. Okay. Are you familiar with the A. But not likely on a C&D landfill though. Q. Pardon me? A. But not likely on a C&D landfill. Q. So waste products would be more common at municipal waste A. Yes. Q landfills?	2 3 4 5 6 7 8 9 10 11 12 13 14	A. That's what I thought it was. Q. That's what you thought it was? A. Yes, I'm pretty sure they used they were able to use that as Q. So would that be a situation where they used a waste product as cover material? A. Correct. Q. So in that case, they were disposing of coal ash and covering it with coal ash? A. Right. Q. And the Department authorized that as an alternative cover? A. Correct. Q. So in effect, they had nothing different than the waste product being placed on that landfill, correct?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	they have a Q. I'm sorry. What? A. Petroleum contaminated waste.  There's maybe a tanker spill on the side of the road, or something like that, and in cleaning up that dirt, then we may allow them to use that as alternate cover material. Q. Okay. Are you familiar with the A. But not likely on a C&D landfill though. Q. Pardon me? A. But not likely on a C&D landfill. Q. So waste products would be more common at municipal waste A. Yes. Q landfills? A. Correct.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A. That's what I thought it was. Q. That's what you thought it was? A. Yes, I'm pretty sure they used they were able to use that as Q. So would that be a situation where they used a waste product as cover material? A. Correct. Q. So in that case, they were disposing of coal ash and covering it with coal ash? A. Right. Q. And the Department authorized that as an alternative cover? A. Correct. Q. So in effect, they had nothing different than the waste product being placed on that landfill, correct? A. That is correct, I do believe. If
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	they have a Q. I'm sorry. What? A. Petroleum contaminated waste.  There's maybe a tanker spill on the side of the road, or something like that, and in cleaning up that dirt, then we may allow them to use that as alternate cover material. Q. Okay. Are you familiar with the A. But not likely on a C&D landfill though. Q. Pardon me? A. But not likely on a C&D landfill. Q. So waste products would be more common at municipal waste A. Yes. Q landfills? A. Correct. Q. I may change that. Let me revise	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A. That's what I thought it was. Q. That's what you thought it was? A. Yes, I'm pretty sure they used they were able to use that as Q. So would that be a situation where they used a waste product as cover material? A. Correct. Q. So in that case, they were disposing of coal ash and covering it with coal ash? A. Right. Q. And the Department authorized that as an alternative cover? A. Correct. Q. So in effect, they had nothing different than the waste product being placed on that landfill, correct? A. That is correct, I do believe. If I can expand on that?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	they have a Q. I'm sorry. What? A. Petroleum contaminated waste. There's maybe a tanker spill on the side of the road, or something like that, and in cleaning up that dirt, then we may allow them to use that as alternate cover material. Q. Okay. Are you familiar with the A. But not likely on a C&D landfill though. Q. Pardon me? A. But not likely on a C&D landfill. Q. So waste products would be more common at municipal waste A. Yes. Q landfills? A. Correct. Q. I may change that. Let me revise my question.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	A. That's what I thought it was. Q. That's what you thought it was? A. Yes, I'm pretty sure they used they were able to use that as Q. So would that be a situation where they used a waste product as cover material? A. Correct. Q. So in that case, they were disposing of coal ash and covering it with coal ash? A. Right. Q. And the Department authorized that as an alternative cover? A. Correct. Q. So in effect, they had nothing different than the waste product being placed on that landfill, correct? A. That is correct, I do believe. If I can expand on that? Q. Sure.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	they have a Q. I'm sorry. What? A. Petroleum contaminated waste.  There's maybe a tanker spill on the side of the road, or something like that, and in cleaning up that dirt, then we may allow them to use that as alternate cover material. Q. Okay. Are you familiar with the A. But not likely on a C&D landfill though. Q. Pardon me? A. But not likely on a C&D landfill. Q. So waste products would be more common at municipal waste A. Yes. Q landfills? A. Correct. Q. I may change that. Let me revise my question. Waste products are more likely to be used	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. That's what I thought it was. Q. That's what you thought it was? A. Yes, I'm pretty sure they used they were able to use that as Q. So would that be a situation where they used a waste product as cover material? A. Correct. Q. So in that case, they were disposing of coal ash and covering it with coal ash? A. Right. Q. And the Department authorized that as an alternative cover? A. Correct. Q. So in effect, they had nothing different than the waste product being placed on that landfill, correct? A. That is correct, I do believe. If I can expand on that? Q. Sure. A. We would require, at the end of
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	they have a Q. I'm sorry. What? A. Petroleum contaminated waste.  There's maybe a tanker spill on the side of the road, or something like that, and in cleaning up that dirt, then we may allow them to use that as alternate cover material. Q. Okay. Are you familiar with the A. But not likely on a C&D landfill though. Q. Pardon me? A. But not likely on a C&D landfill. Q. So waste products would be more common at municipal waste A. Yes. Q landfills? A. Correct. Q. I may change that. Let me revise my question. Waste products are more likely to be used as cover material at municipal waste landfills	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A. That's what I thought it was. Q. That's what you thought it was? A. Yes, I'm pretty sure they used they were able to use that as Q. So would that be a situation where they used a waste product as cover material? A. Correct. Q. So in that case, they were disposing of coal ash and covering it with coal ash? A. Right. Q. And the Department authorized that as an alternative cover? A. Correct. Q. So in effect, they had nothing different than the waste product being placed on that landfill, correct? A. That is correct, I do believe. If I can expand on that? Q. Sure. A. We would require, at the end of the week, to cover with dirt.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	they have a Q. I'm sorry. What? A. Petroleum contaminated waste.  There's maybe a tanker spill on the side of the road, or something like that, and in cleaning up that dirt, then we may allow them to use that as alternate cover material. Q. Okay. Are you familiar with the A. But not likely on a C&D landfill though. Q. Pardon me? A. But not likely on a C&D landfill. Q. So waste products would be more common at municipal waste A. Yes. Q landfills? A. Correct. Q. I may change that. Let me revise my question. Waste products are more likely to be used	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. That's what I thought it was. Q. That's what you thought it was? A. Yes, I'm pretty sure they used they were able to use that as Q. So would that be a situation where they used a waste product as cover material? A. Correct. Q. So in that case, they were disposing of coal ash and covering it with coal ash? A. Right. Q. And the Department authorized that as an alternative cover? A. Correct. Q. So in effect, they had nothing different than the waste product being placed on that landfill, correct? A. That is correct, I do believe. If I can expand on that? Q. Sure. A. We would require, at the end of

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1	A. At the end of each working week.	1	usually is what we make and require them to
2	So there would be at some point in time,	2	do to have the firebreak.
3	there would be dirt cover on there after	3	Q. All right. And what are tire
4	a after a week's time, yes.	4	chips?
5	Q. All right. That's your	5	A. It is it would be just tires
6	recollection?	6	ground up into little little bitty small
7	A. That is yes, sir.	7	things that, again, require usually when we
8	Q. Okay.	8	have that, we require number one, any time we
9	MR. SASSER: Speak up.	9	use one of those things, we require some kind of
10	THE WITNESS: I'm sorry. I'll back	10	a demonstration. Not any time but most of the
11	away. Maybe I'll speak a little	11	time, if it's something different like a tire.
12	louder if I back away.	12	Typically, we don't it's not something that
13	HEARING OFFICER: Thank you.	13	they use. And so we would ask them to do a
14	THE WITNESS: I'm sorry.	14	study, see how it actually works, and when
15	BY MR. LUDDER:	15	it when we decide to do it, a lot of times,
16	Q. Now, what kind of foams could be	16	in that case, the tire chips, it's usually like
17	used for alternative covers?	17	50-percent-tire-chips-and-50-percent-dirt kind
18	A. We have, in the past, allowed	18	of thing, just something to they have readily
19	spray-on foams, some material that they get	19	available tire chips, and they have a little bit
20	out there and do spray, and it and it just	20	of dirt, and you kind of combine it, and they
21	covers material. And we we've had we've	21	actually have something they can use as cover
22	been to, I guess, some of our technical stuff,	22	material. That's kind of how it works.
23	training that we have, periodically,	23	Q. All right. What does
	Page 409		Page 411
1	our SWANA and stuff like that, where	1	"geosynthetic" refer to? Is that geosynthetic
2	they somebody gets up there and gives a	2	waste products or geosynthetic products?
3	presentation on it. And I've seen I've never	3	A. Yeah, to me, them and the what
4	seen it applied at a landfill, but I've seen	4	I think the geosynthetics and the foams are
5	presentations about it, but I know some of them	5	very similar-type products, is what is my
6	are allowed to have that, and it's they	6	thoughts on it.
7	basically just spray the stuff on there, and it	7	Q. Okay. It wouldn't refer to a
8	just kind of hardens, and the next day, they	8	geosynthetic liner, like a plastic liner?
9	come out there and fill on top of it.	9	A. I don't think we've ever had
10	Q. Okay. And could you describe the	10	anybody propose to use a geosynthetic liner like
11	tarps that are mentioned in this?	11	that.
12	A. Just any kind of tarp that you	12	Q. Okay. Can you tell us what's the
1	11 *** 1 11 111 1	1	

A. Just any kind of tarp that you 13 would see at Walmart or something like that.

It's just a big tarp that they roll out there 14

over -- over the waste, and then the next 15

16 morning, they peel it back off and start putting

waste back down. Again, all these are 17

requirements at the end of the week. They have 18

to put down dirt as -- as a -- as a -- because 19

20 in that way, there's no -- even though the tarp

can act as a barrier for vectors and stuff like 21

22 that, it doesn't provide a firebreak. And so

the dirt at the end of the week is what we 23

most common alternative cover that's used in 13

Alabama?

A. I'm not sure. I mean, there's a 15

16 bunch of them out there, you know.

Q. A lot of different types?

A. Yes, sir.

Q. Okay. Look, if you would, at 19

330 -- Rule 335-13-4-.23 -- I'm sorry -- .22.

Specific Requirements for Municipal Solid Waste 21

22 Landfills.

23 A. Okay. All right.

17

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1	Q. Okay. Now, we've discussed, I	1	A. Okay.
2	believe previously, that the minimum cover	2	Q. I'm sorry. Let's move onto a
3	requirement is described in Paragraph (1)(a)1,	3	different issue. Exhibit J-1, Part I, saying
4	correct?	4	A. So I'm in the permit?
5	A. Correct.	5	Q. I'm sorry, not J-1. J-3.
6	Q. Excuse me. And that's a daily	6	A. Okay.
7	cover requirement, correct?	7	Q. Part I, Section 7.3.
8	A. It says, Daily Operation above it.	8	A. I'm still in cover. Is that what
9	Yes.	9	you're looking at?
10	Q. So some kind of cover has to be	10	Q. Yes. And now Section 7.3 applies
11	applied every day, correct?	11	to what kind of landfill?
12	A. Well, unless you have a variance	12	A. 7.3 back in 7, it says,
13	from it, but, yeah. For an MSW landfill, it	13	Specific Requirements for MSW Disposal.
14	would be every day. I don't think you can give	14	Q. And "MSW" is municipal solid
15	a variance for an MSW. I'm sorry. Strike	15	waste?
16	that I can strike that? I don't know if I	16	A. Correct.
17	can.	17	Q. Yeah. Now, that read the first
18	Q. We understand. Now, this rule	18	sentences of that.
19	authorizes the use of alternative covers if	19	A. 7.3, Confining Waste Area.
20	approved by the Department. It doesn't say	20	The Landfill Operator shall confine the
21	anything about if you use an alternative cover,	21	waste in as small an area as practical that
22	you have to cover with six inches of dirt once a	22	still allows for adequate equipment operation.
23	week?	23	Q. All right. Can you quantify what
	Page 413		Page 415
1	A. No, sir, it does not.	1	"as small an area as practical" is?
2	Q. And is that a condition that you	2	A. Are you can you ask it
3	can put in permits every time that you	3	differently?
4	use that you authorize alternative cover?	4	Q. Can you describe the is there a
5	A. Yes, sir.	5	way to determine what "as small an area as
6	Q. Okay. All right. If you would,	6	practical" means at each landfill?
7	look at Rule 335-13-423, which is, Specific	7	A. I think it would be different at
8	Requirements for Inert-Construction/Demolition	8	each landfill.
9	Landfills and Industrial Landfills, correct?	9	Q. Is there a way to determine what
10	A. Correct.	10	it is?
11	Q. And Subparagraph (1)(a)1 is the	11	A. Depending on the manpower of the
12	minimum cover requirement, correct?	12	personnel and stuff that they have, equipment
13	A. Correct.	13	and stuff they have, can they manage the waste?
14	Q. And that is also six inches of	14	It's different for each landfill.
15	compacted dirt or other alternative cover	15	Q. All right. How would you
16	material, correct?	16	determine that how would you determine
17	A. Correct.	17	whether a landfill was complying with "as small
18	Q. But that's once a week; is that	18	as as small an area as practical"?
	might?	1.0	A Our increator would go out there

right?

A. Yes, sir.

Q. Now, let's refer to Exhibit J-1,

your binder, which is the final permit.

which is the Joint Exhibit Number 1, which is in

19

20

21

22

23

19

20

21

22

23

A. Our inspector would go out there,

operational problems with -- number one, with

and when she was inspecting the site, she

"she" -- would notice if they're having any

would -- he or she, I shouldn't say

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1	covering, you know, is it too big, they can't	1	Q. And that
2	get it covered that day, can they not get it	2	A. But this is for the C&D portion.
3	compacted, just are they operating if the	3	Q. Yes, I was just going to ask you
4	waste is in as small an area as possible, and	4	that. This provision that we're looking at,
5	they're doing what they're supposed to be doing,	5	Section 8.1, applies to this construction and
6	it's not it's usually not a problem. Or it's	6	demolition landfill, correct?
7	not a problem. Let's put it that way. If you	7	A. Yes, sir.
8	have it spread out all over the place, then it	8	Q. Now, would you look at in
9	could be a problem. I'll put it that way.	9	that in that particular subparagraph, is
10	Q. Well	10	there any reference to the number of working
11	A. Or maybe not. Depends on if they	11	faces that are planned?
12	have enough manpower to get it covered and	12	A. It doesn't appear to be.
13	handle it.	13	Q. Okay. And go back to 7.3, which
14	Q. If they cover at the end of each	14	is the municipal solid waste provision of the
15	working day, and they have the capacity to do	15	application. And is there in 7.3, is there
16	that, could they still operate as could they	16	any reference to the number of working faces
17	still dispose of waste in a a working face	17	that are planned?
18	that is not as small as possible?	18	A. There's not.
19	A. Yes.	19	Q. If you would, refer to Rule
20	Q. So they could have a very large	20	335-13-422.
21	working face, and as long as they covered it at	21	A. Okay.
22	the end of each working day, would that satisfy	22	Q. Paren b.
23	the "as small of an area as practical"?	23	A. Okay.
	Page 417		Page 419
1		1	
1 2	A. You know, as long as they were yeah they got it and there's more	1 2	Q. Now, is that the rule that requires that waste be confined to as small an
	A. You know, as long as they		Q. Now, is that the rule that
2	A. You know, as long as they were yeah they got it and there's more	2	Q. Now, is that the rule that requires that waste be confined to as small an
2	A. You know, as long as they were yeah they got it and there's more to it than covering. They have to get it	2	Q. Now, is that the rule that requires that waste be confined to as small an area as possible?
2 3 4	A. You know, as long as they were yeah they got it and there's more to it than covering. They have to get it compacted and all kind of stuff, but, yes. If	2 3 4	Q. Now, is that the rule that requires that waste be confined to as small an area as possible?  A. Would you like for me to read it?
2 3 4 5	A. You know, as long as they were yeah they got it and there's more to it than covering. They have to get it compacted and all kind of stuff, but, yes. If they got it if they were operating it as a	2 3 4 5	Q. Now, is that the rule that requires that waste be confined to as small an area as possible?  A. Would you like for me to read it?  Q. If you want to read it rather than
2 3 4 5 6	A. You know, as long as they were yeah they got it and there's more to it than covering. They have to get it compacted and all kind of stuff, but, yes. If they got it if they were operating it as a landfill as required in the permit and got it	2 3 4 5 6	Q. Now, is that the rule that requires that waste be confined to as small an area as possible?  A. Would you like for me to read it?  Q. If you want to read it rather than answer the question, you can.
2 3 4 5 6 7	A. You know, as long as they were yeah they got it and there's more to it than covering. They have to get it compacted and all kind of stuff, but, yes. If they got it if they were operating it as a landfill as required in the permit and got it covered at the end of the day, then we would say	2 3 4 5 6 7	Q. Now, is that the rule that requires that waste be confined to as small an area as possible?  A. Would you like for me to read it?  Q. If you want to read it rather than answer the question, you can.  A. Okay. I mean, yes, it is. It
2 3 4 5 6 7 8	A. You know, as long as they were yeah they got it and there's more to it than covering. They have to get it compacted and all kind of stuff, but, yes. If they got it if they were operating it as a landfill as required in the permit and got it covered at the end of the day, then we would say that that was obviously, they could handle	2 3 4 5 6 7 8	Q. Now, is that the rule that requires that waste be confined to as small an area as possible?  A. Would you like for me to read it?  Q. If you want to read it rather than answer the question, you can.  A. Okay. I mean, yes, it is. It does refer to it.
2 3 4 5 6 7 8 9	A. You know, as long as they were yeah they got it and there's more to it than covering. They have to get it compacted and all kind of stuff, but, yes. If they got it if they were operating it as a landfill as required in the permit and got it covered at the end of the day, then we would say that that was obviously, they could handle that amount of area.	2 3 4 5 6 7 8 9	Q. Now, is that the rule that requires that waste be confined to as small an area as possible?  A. Would you like for me to read it?  Q. If you want to read it rather than answer the question, you can.  A. Okay. I mean, yes, it is. It does refer to it.  Q. Okay. And that rule applies to
2 3 4 5 6 7 8 9	A. You know, as long as they were yeah they got it and there's more to it than covering. They have to get it compacted and all kind of stuff, but, yes. If they got it if they were operating it as a landfill as required in the permit and got it covered at the end of the day, then we would say that that was obviously, they could handle that amount of area.  Q. So the working face could be any	2 3 4 5 6 7 8 9	Q. Now, is that the rule that requires that waste be confined to as small an area as possible?  A. Would you like for me to read it?  Q. If you want to read it rather than answer the question, you can.  A. Okay. I mean, yes, it is. It does refer to it.  Q. Okay. And that rule applies to what kind of landfill?
2 3 4 5 6 7 8 9 10	A. You know, as long as they were yeah they got it and there's more to it than covering. They have to get it compacted and all kind of stuff, but, yes. If they got it if they were operating it as a landfill as required in the permit and got it covered at the end of the day, then we would say that that was obviously, they could handle that amount of area.  Q. So the working face could be any size as long as, at the end of the day, they	2 3 4 5 6 7 8 9 10	Q. Now, is that the rule that requires that waste be confined to as small an area as possible?  A. Would you like for me to read it?  Q. If you want to read it rather than answer the question, you can.  A. Okay. I mean, yes, it is. It does refer to it.  Q. Okay. And that rule applies to what kind of landfill?  A. MSW.
2 3 4 5 6 7 8 9 10 11	A. You know, as long as they were yeah they got it and there's more to it than covering. They have to get it compacted and all kind of stuff, but, yes. If they got it if they were operating it as a landfill as required in the permit and got it covered at the end of the day, then we would say that that was obviously, they could handle that amount of area.  Q. So the working face could be any size as long as, at the end of the day, they have compacted and covered?	2 3 4 5 6 7 8 9 10 11	Q. Now, is that the rule that requires that waste be confined to as small an area as possible?  A. Would you like for me to read it? Q. If you want to read it rather than answer the question, you can. A. Okay. I mean, yes, it is. It does refer to it. Q. Okay. And that rule applies to what kind of landfill? A. MSW. Q. Okay. And Rule 335-13-423,
2 3 4 5 6 7 8 9 10 11 12 13	A. You know, as long as they were yeah they got it and there's more to it than covering. They have to get it compacted and all kind of stuff, but, yes. If they got it if they were operating it as a landfill as required in the permit and got it covered at the end of the day, then we would say that that was obviously, they could handle that amount of area.  Q. So the working face could be any size as long as, at the end of the day, they have compacted and covered?  A. Yes.	2 3 4 5 6 7 8 9 10 11 12 13	Q. Now, is that the rule that requires that waste be confined to as small an area as possible?  A. Would you like for me to read it? Q. If you want to read it rather than answer the question, you can. A. Okay. I mean, yes, it is. It does refer to it. Q. Okay. And that rule applies to what kind of landfill? A. MSW. Q. Okay. And Rule 335-13-423, paren c., does that rule apply to construction
2 3 4 5 6 7 8 9 10 11 12 13	A. You know, as long as they were yeah they got it and there's more to it than covering. They have to get it compacted and all kind of stuff, but, yes. If they got it if they were operating it as a landfill as required in the permit and got it covered at the end of the day, then we would say that that was obviously, they could handle that amount of area.  Q. So the working face could be any size as long as, at the end of the day, they have compacted and covered?  A. Yes.  Q. Okay. And would you turn to	2 3 4 5 6 7 8 9 10 11 12 13	Q. Now, is that the rule that requires that waste be confined to as small an area as possible?  A. Would you like for me to read it?  Q. If you want to read it rather than answer the question, you can.  A. Okay. I mean, yes, it is. It does refer to it.  Q. Okay. And that rule applies to what kind of landfill?  A. MSW.  Q. Okay. And Rule 335-13-423, paren c., does that rule apply to construction and demolition landfills?
2 3 4 5 6 7 8 9 10 11 12 13 14	A. You know, as long as they were yeah they got it and there's more to it than covering. They have to get it compacted and all kind of stuff, but, yes. If they got it if they were operating it as a landfill as required in the permit and got it covered at the end of the day, then we would say that that was obviously, they could handle that amount of area.  Q. So the working face could be any size as long as, at the end of the day, they have compacted and covered?  A. Yes.  Q. Okay. And would you turn to Section 8.1 of J-3, Part I, the operations	2 3 4 5 6 7 8 9 10 11 12 13 14	Q. Now, is that the rule that requires that waste be confined to as small an area as possible?  A. Would you like for me to read it? Q. If you want to read it rather than answer the question, you can. A. Okay. I mean, yes, it is. It does refer to it. Q. Okay. And that rule applies to what kind of landfill? A. MSW. Q. Okay. And Rule 335-13-423, paren c., does that rule apply to construction and demolition landfills? A. It does.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A. You know, as long as they were yeah they got it and there's more to it than covering. They have to get it compacted and all kind of stuff, but, yes. If they got it if they were operating it as a landfill as required in the permit and got it covered at the end of the day, then we would say that that was obviously, they could handle that amount of area.  Q. So the working face could be any size as long as, at the end of the day, they have compacted and covered?  A. Yes.  Q. Okay. And would you turn to Section 8.1 of J-3, Part I, the operations manual?	2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. Now, is that the rule that requires that waste be confined to as small an area as possible?  A. Would you like for me to read it? Q. If you want to read it rather than answer the question, you can. A. Okay. I mean, yes, it is. It does refer to it. Q. Okay. And that rule applies to what kind of landfill? A. MSW. Q. Okay. And Rule 335-13-423, paren c., does that rule apply to construction and demolition landfills? A. It does. Q. And is that the paragraph that
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A. You know, as long as they were yeah they got it and there's more to it than covering. They have to get it compacted and all kind of stuff, but, yes. If they got it if they were operating it as a landfill as required in the permit and got it covered at the end of the day, then we would say that that was obviously, they could handle that amount of area.  Q. So the working face could be any size as long as, at the end of the day, they have compacted and covered?  A. Yes.  Q. Okay. And would you turn to Section 8.1 of J-3, Part I, the operations manual?  A. Okay.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. Now, is that the rule that requires that waste be confined to as small an area as possible?  A. Would you like for me to read it?  Q. If you want to read it rather than answer the question, you can.  A. Okay. I mean, yes, it is. It does refer to it.  Q. Okay. And that rule applies to what kind of landfill?  A. MSW.  Q. Okay. And Rule 335-13-423, paren c., does that rule apply to construction and demolition landfills?  A. It does.  Q. And is that the paragraph that addresses confining waste to as small an area as
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	A. You know, as long as they were yeah they got it and there's more to it than covering. They have to get it compacted and all kind of stuff, but, yes. If they got it if they were operating it as a landfill as required in the permit and got it covered at the end of the day, then we would say that that was obviously, they could handle that amount of area.  Q. So the working face could be any size as long as, at the end of the day, they have compacted and covered?  A. Yes.  Q. Okay. And would you turn to Section 8.1 of J-3, Part I, the operations manual?  A. Okay.  Q. And look at Subparagraph (c).	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. Now, is that the rule that requires that waste be confined to as small an area as possible?  A. Would you like for me to read it? Q. If you want to read it rather than answer the question, you can. A. Okay. I mean, yes, it is. It does refer to it. Q. Okay. And that rule applies to what kind of landfill? A. MSW. Q. Okay. And Rule 335-13-423, paren c., does that rule apply to construction and demolition landfills? A. It does. Q. And is that the paragraph that addresses confining waste to as small an area as possible?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. You know, as long as they were yeah they got it and there's more to it than covering. They have to get it compacted and all kind of stuff, but, yes. If they got it if they were operating it as a landfill as required in the permit and got it covered at the end of the day, then we would say that that was obviously, they could handle that amount of area.  Q. So the working face could be any size as long as, at the end of the day, they have compacted and covered?  A. Yes.  Q. Okay. And would you turn to Section 8.1 of J-3, Part I, the operations manual?  A. Okay.  Q. And look at Subparagraph (c). A. All right.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. Now, is that the rule that requires that waste be confined to as small an area as possible?  A. Would you like for me to read it? Q. If you want to read it rather than answer the question, you can. A. Okay. I mean, yes, it is. It does refer to it. Q. Okay. And that rule applies to what kind of landfill? A. MSW. Q. Okay. And Rule 335-13-423, paren c., does that rule apply to construction and demolition landfills? A. It does. Q. And is that the paragraph that addresses confining waste to as small an area as possible? A. Yes, sir.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. You know, as long as they were yeah they got it and there's more to it than covering. They have to get it compacted and all kind of stuff, but, yes. If they got it if they were operating it as a landfill as required in the permit and got it covered at the end of the day, then we would say that that was obviously, they could handle that amount of area.  Q. So the working face could be any size as long as, at the end of the day, they have compacted and covered?  A. Yes.  Q. Okay. And would you turn to Section 8.1 of J-3, Part I, the operations manual?  A. Okay.  Q. And look at Subparagraph (c). A. All right. Q. And does that basically include	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. Now, is that the rule that requires that waste be confined to as small an area as possible?  A. Would you like for me to read it?  Q. If you want to read it rather than answer the question, you can.  A. Okay. I mean, yes, it is. It does refer to it.  Q. Okay. And that rule applies to what kind of landfill?  A. MSW.  Q. Okay. And Rule 335-13-423, paren c., does that rule apply to construction and demolition landfills?  A. It does.  Q. And is that the paragraph that addresses confining waste to as small an area as possible?  A. Yes, sir.  Q. All right. If you would now, turn
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. You know, as long as they were yeah they got it and there's more to it than covering. They have to get it compacted and all kind of stuff, but, yes. If they got it if they were operating it as a landfill as required in the permit and got it covered at the end of the day, then we would say that that was obviously, they could handle that amount of area.  Q. So the working face could be any size as long as, at the end of the day, they have compacted and covered?  A. Yes.  Q. Okay. And would you turn to Section 8.1 of J-3, Part I, the operations manual?  A. Okay.  Q. And look at Subparagraph (c). A. All right. Q. And does that basically include the same provision that, All waste shall be	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. Now, is that the rule that requires that waste be confined to as small an area as possible?  A. Would you like for me to read it? Q. If you want to read it rather than answer the question, you can. A. Okay. I mean, yes, it is. It does refer to it. Q. Okay. And that rule applies to what kind of landfill? A. MSW. Q. Okay. And Rule 335-13-423, paren c., does that rule apply to construction and demolition landfills? A. It does. Q. And is that the paragraph that addresses confining waste to as small an area as possible? A. Yes, sir. Q. All right. If you would now, turn to the permit, Exhibit J-1, Section III, on Page

1 1144	oama Department of Environmental Management		June 1, 2016
	Page 420		Page 422
1	Q. Now, does Section III address	1	And it refers back to where we were.
2	specific MSW landfill requirements?	2	Q. Does that section specify one
3	A. It does.	3	working face at the municipal solid waste
4	Q. And if you would, look at	4	landfill, and one working face at the
5	Paragraph J in Section III. Did you find that?	5	construction and demolition landfill?
6	A. Yes, sir.	6	A. Not specifically, no. It does
7	Q. Why don't you read the first	7	not.
8	sentence?	8	Q. And the first sentence there says
9	A. All right. J says, Daily Cells.	9	the a variance is granted from a particular
10	All waste shall be confined to an area as	10	rule, and they refer to 335-13-423. Does that
11	small as possible and spread to a depth not to	11	rule refer to municipal solid waste, or
12	exceed [verbatim] two feet prior to compaction,	12	construction and demolition waste?
13	and such compaction shall be accomplished on a	13	A23 is it says .23. 23 is for
14	face slope not to exceed four to one or as	14	Inert-Construction/Demolition Landfills and
15	otherwise approved by ADEM.	15	Industrial Landfills.
16	Q. Okay. And read the second	16	Q. All right. And that rule and
17	sentence.	17	the permit provision actually says, Paragraph
18	A. The Permittee has been granted a	18	1(c), requiring waste to be confined to as small
19	variance to operate two working faces. See	19	an area as possible, correct?
20	Section X.2.	20	A. Yes, that's what it says.
21	Q. Okay. Does Section J specify one	21	Q. So the variance was granted from
22	working face at the MSW landfill, and one	22	the rule requirement for C&D landfills that they
23	working face at the construction and demolition	23	operate a working face as small an area as
2.5	working face at the construction and demoniton	2.5	operate a working face as small all area as
	Page 421		Page 423
	g		Fage 423
1		1	
1 2	landfill?	1 2	possible; is that right?
2	landfill?  A. Can you ask that one more time?	2	possible; is that right? A. Correct.
2	landfill?  A. Can you ask that one more time?  Q. Does Section J specify one working	2	possible; is that right?  A. Correct.  Q. It's not a variance I'll
2 3 4	landfill?  A. Can you ask that one more time?  Q. Does Section J specify one working face at the MSW landfill, and one working face	2 3 4	possible; is that right? A. Correct. Q. It's not a variance I'll withdraw that.
2 3 4 5	landfill?  A. Can you ask that one more time?  Q. Does Section J specify one working face at the MSW landfill, and one working face at the C&D landfill?	2 3 4 5	possible; is that right?  A. Correct. Q. It's not a variance I'll withdraw that. So is it fair to say that the variance was
2 3 4 5 6	landfill?  A. Can you ask that one more time?  Q. Does Section J specify one working face at the MSW landfill, and one working face at the C&D landfill?  A. The first sentence does not. I	2 3 4 5 6	possible; is that right?  A. Correct. Q. It's not a variance I'll withdraw that. So is it fair to say that the variance was granted only with respect to the construction
2 3 4 5 6 7	landfill?  A. Can you ask that one more time?  Q. Does Section J specify one working face at the MSW landfill, and one working face at the C&D landfill?  A. The first sentence does not. I would reckon the second sentence would	2 3 4 5 6 7	possible; is that right?  A. Correct. Q. It's not a variance I'll withdraw that. So is it fair to say that the variance was granted only with respect to the construction and demolition landfills?
2 3 4 5 6 7 8	landfill?  A. Can you ask that one more time?  Q. Does Section J specify one working face at the MSW landfill, and one working face at the C&D landfill?  A. The first sentence does not. I would reckon the second sentence would allow it refers to Section X.2.	2 3 4 5 6 7 8	possible; is that right?  A. Correct. Q. It's not a variance I'll withdraw that. So is it fair to say that the variance was granted only with respect to the construction and demolition landfills? A. I think it's poorly worded. How
2 3 4 5 6 7 8	landfill?  A. Can you ask that one more time?  Q. Does Section J specify one working face at the MSW landfill, and one working face at the C&D landfill?  A. The first sentence does not. I would reckon the second sentence would allow it refers to Section X.2.  Q. Refers to what?	2 3 4 5 6 7 8 9	possible; is that right?  A. Correct. Q. It's not a variance I'll withdraw that. So is it fair to say that the variance was granted only with respect to the construction and demolition landfills? A. I think it's poorly worded. How about that? That wasn't the intent.
2 3 4 5 6 7 8 9	landfill?  A. Can you ask that one more time?  Q. Does Section J specify one working face at the MSW landfill, and one working face at the C&D landfill?  A. The first sentence does not. I would reckon the second sentence would allow it refers to Section X.2.  Q. Refers to what?  A. To Section X.2 of the permit.	2 3 4 5 6 7 8 9	possible; is that right?  A. Correct. Q. It's not a variance I'll withdraw that. So is it fair to say that the variance was granted only with respect to the construction and demolition landfills? A. I think it's poorly worded. How about that? That wasn't the intent. Q. As written, it refers only to the
2 3 4 5 6 7 8 9 10	landfill?  A. Can you ask that one more time?  Q. Does Section J specify one working face at the MSW landfill, and one working face at the C&D landfill?  A. The first sentence does not. I would reckon the second sentence would allow it refers to Section X.2.  Q. Refers to what?  A. To Section X.2 of the permit.  Q. Okay. Let's refer to that Section	2 3 4 5 6 7 8 9 10	possible; is that right?  A. Correct. Q. It's not a variance I'll withdraw that. So is it fair to say that the variance was granted only with respect to the construction and demolition landfills?  A. I think it's poorly worded. How about that? That wasn't the intent. Q. As written, it refers only to the construction and demolition rule, correct?
2 3 4 5 6 7 8 9 10 11	landfill?  A. Can you ask that one more time?  Q. Does Section J specify one working face at the MSW landfill, and one working face at the C&D landfill?  A. The first sentence does not. I would reckon the second sentence would allow it refers to Section X.2.  Q. Refers to what?  A. To Section X.2 of the permit.  Q. Okay. Let's refer to that Section X.2, on Page 14 of J-1, correct?	2 3 4 5 6 7 8 9 10 11	possible; is that right?  A. Correct. Q. It's not a variance I'll withdraw that. So is it fair to say that the variance was granted only with respect to the construction and demolition landfills? A. I think it's poorly worded. How about that? That wasn't the intent. Q. As written, it refers only to the construction and demolition rule, correct? A. That's correct.
2 3 4 5 6 7 8 9 10	landfill?  A. Can you ask that one more time?  Q. Does Section J specify one working face at the MSW landfill, and one working face at the C&D landfill?  A. The first sentence does not. I would reckon the second sentence would allow it refers to Section X.2.  Q. Refers to what?  A. To Section X.2 of the permit.  Q. Okay. Let's refer to that Section X.2, on Page 14 of J-1, correct?  A. Yes.	2 3 4 5 6 7 8 9 10 11 12	possible; is that right?  A. Correct. Q. It's not a variance I'll withdraw that. So is it fair to say that the variance was granted only with respect to the construction and demolition landfills? A. I think it's poorly worded. How about that? That wasn't the intent. Q. As written, it refers only to the construction and demolition rule, correct? A. That's correct. Q. All right. And as it is written,
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2 3 4 5 6 7 8 9 10 11 12 13	landfill?  A. Can you ask that one more time?  Q. Does Section J specify one working face at the MSW landfill, and one working face at the C&D landfill?  A. The first sentence does not. I would reckon the second sentence would allow it refers to Section X.2.  Q. Refers to what?  A. To Section X.2 of the permit.  Q. Okay. Let's refer to that Section X.2, on Page 14 of J-1, correct?  A. Yes.  Q. This is the variances section,	2 3 4 5 6 7 8 9 10 11 12 13 14	possible; is that right?  A. Correct. Q. It's not a variance I'll withdraw that. So is it fair to say that the variance was granted only with respect to the construction and demolition landfills? A. I think it's poorly worded. How about that? That wasn't the intent. Q. As written, it refers only to the construction and demolition rule, correct? A. That's correct. Q. All right. And as it is written, could the Permittee operate two working faces at the municipal solid waste landfill?
2 3 4 5 6 7 8 9 10 11 12 13 14	landfill?  A. Can you ask that one more time?  Q. Does Section J specify one working face at the MSW landfill, and one working face at the C&D landfill?  A. The first sentence does not. I would reckon the second sentence would allow it refers to Section X.2.  Q. Refers to what?  A. To Section X.2 of the permit.  Q. Okay. Let's refer to that Section X.2, on Page 14 of J-1, correct?  A. Yes.  Q. This is the variances section, correct?  A. Correct.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	possible; is that right?  A. Correct. Q. It's not a variance I'll withdraw that. So is it fair to say that the variance was granted only with respect to the construction and demolition landfills? A. I think it's poorly worded. How about that? That wasn't the intent. Q. As written, it refers only to the construction and demolition rule, correct? A. That's correct. Q. All right. And as it is written, could the Permittee operate two working faces at the municipal solid waste landfill? A. Strict interpretation of what this
2 3 4 5 6 7 8 9 10 11 12 13 14 15	landfill?  A. Can you ask that one more time?  Q. Does Section J specify one working face at the MSW landfill, and one working face at the C&D landfill?  A. The first sentence does not. I would reckon the second sentence would allow it refers to Section X.2.  Q. Refers to what?  A. To Section X.2 of the permit.  Q. Okay. Let's refer to that Section X.2, on Page 14 of J-1, correct?  A. Yes.  Q. This is the variances section, correct?  A. Correct.  Q. And what does 2 say?	2 3 4 5 6 7 8 9 10 11 12 13 14 15	possible; is that right?  A. Correct. Q. It's not a variance I'll withdraw that. So is it fair to say that the variance was granted only with respect to the construction and demolition landfills? A. I think it's poorly worded. How about that? That wasn't the intent. Q. As written, it refers only to the construction and demolition rule, correct? A. That's correct. Q. All right. And as it is written, could the Permittee operate two working faces at the municipal solid waste landfill?
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	landfill?  A. Can you ask that one more time?  Q. Does Section J specify one working face at the MSW landfill, and one working face at the C&D landfill?  A. The first sentence does not. I would reckon the second sentence would allow it refers to Section X.2.  Q. Refers to what?  A. To Section X.2 of the permit.  Q. Okay. Let's refer to that Section X.2, on Page 14 of J-1, correct?  A. Yes.  Q. This is the variances section, correct?  A. Correct.  Q. And what does 2 say?  A. A variance is granted from ADEM Rule 335-13-423(1)c requiring waste to be	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	possible; is that right?  A. Correct. Q. It's not a variance I'll withdraw that. So is it fair to say that the variance was granted only with respect to the construction and demolition landfills? A. I think it's poorly worded. How about that? That wasn't the intent. Q. As written, it refers only to the construction and demolition rule, correct? A. That's correct. Q. All right. And as it is written, could the Permittee operate two working faces at the municipal solid waste landfill? A. Strict interpretation of what this says, no. It would I don't believe it would allow that.  HEARING OFFICER: One more time.
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	Page 424		Page 426
1	BY MR. LUDDER:	1	times.
2	Q. Does it allow two working faces at	2	Q. I'm not talking about slopes. I'm
3	the construction and demolition land	3	talking about the the confinement
4	HEARING OFFICER: Does or does not?	4	A. Oh, you're talking about okay,
5	THE WITNESS: Does not, at the MSW.	5	okay, okay. I'm sorry. Well, yeah, they we
6	You asked MSW? Is that what you said?	6	have in the operating plan, they in there,
7	MR. LUDDER: I did, right.	7	it mentions how the how they're going to
8	THE WITNESS: Right, correct.	8	operate the MSW landfill, and how they're going
9	Right. It appears to allow for two at	9	to operate the C&D cell.
10	the C&D.	10	Q. And we've been over that in those
11	BY MR. LUDDER:	11	Sections 7.3 and 8.1, correct?
12	Q. Okay. And you base that on the	12	A. Correct.
13	second sentence relating to the first sentence	13	Q. Do either of those sections ask
14	and the rule number referring to the	14	for a variance?
15	construction and demolition rule?	15	A. Not specifically.
16	A. Correct. We cited the wrong thing	16	Q. Okay. Would the would Exhibit
17	in there.	17	J-3, Part II, which, I believe, is the stability
18	Q. Okay. Now, can you direct the	18	analysis
19	Hearing Officer to any place in J-3, Part I,	19	A. Right.
20	which is the operations manual, where the City	20	Q can you direct us anywhere in
21	requested a variance from the requirements of	21	there where they would have or where they did
22	335-13-423(1)(c)?	22	request a variance from 335-13-423 paren 1(c)?
23	A. I need to go look up your	23	A. I don't think there's any specific
	Page 425		Page 427
1	335 whatever you just said and see what it	1	requests in there for a variance.
2	requires what it's talking about. Which one	2	Q. Okay. And Exhibit J-3, Part III,
3	was that one?	3	what is that?
4	Q. Right. 335-13-423(1)(c).	4	A. Let me see where Exhibit 3 is.
5	A. $(1)(c)$ . I'm guessing $(1)(c)$ says,	5	J-3, Part III, Permit Modification Application,
6	All waste shall be confined to as small an area	6	Drawings.
7	as possible and placed onto an appropriate slope	7	Q. Drawings? Okay.
8	not to exceed four to one, 25 percent, as	8	A. That's the drawings.
9	approved by the Department.	9	Q. So that's Exhibit P-5; is that
10	Q. All right. And that's	10	right?
11	A. So that's (1), and you're asking	11	A. (The Witness nodded).
12	me to find somewhere in the operating plan	12	Q. Is there anywhere in Exhibit P-5
13	that	13	where the City has requested a variance from
14	Q. In the operating plan, is there	14	Rule 335-13-423 paren 1(c)?
15	any place that you can see where the City	15	A. No, not in the drawings.
16	requested a variance from that requirement?	16	Q. Okay. If you would, look at Joint
17	A. In looking through it previously,	17	Exhibit Number 3, Part IV.
18	the City doesn't specifically request a variance	18	A. I think I have it.
19	from it. It's just it's included in the	19	Q. Okay. And what is that? Describe
20	material.	20	it.
21	Q. In what material?	21	A. The application.
22	A. In the operating plan, they	22	Q. And how many pages is that?
23	mention in there three-to-one slopes numerous	23	A. Two or three pages. Two pages and
1		1	

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	Page 428		Page 430
1	a cover letter.	1	assessment with supporting factual information
2	Q. Okay.	2	of the impact that the variance from 3 from
3	A. Is that right? Am I on the right	3	335-13-422 I'm sorry23 paren 1(c) will
4	one?	4	have on public health and the environment.
5	Q. Yes, yes. And that's not the	5	A. I do not believe it's in there.
6	entire application? You consider the operating	6	Q. Okay. And same question with
7	plan part of the application?	7	regard to Exhibit J-3, Part II, which is the
8	A. Right, correct.	8	stability analysis. Would that assessment be
9	Q. And the stability analysis is part	9	included in that part?
10	of the application	10	A. Would it be, or is it?
11	A. Yes. The drawings and stuff, yes,	11	Q. Is it?
12	yes.	12	A. Okay. I don't know, but I don't
13	Q. Is there anything in Joint Exhibit	13	think it is.
14	Number 3, Part IV, where the City requests a	14	Q. Okay. And would that or is
15	variance from the requirements of 335-13-423	15	that assessment included in Exhibit J-3, Part
16	paren 1(c)?	16	III? Which is the drawings, I believe, correct?
17	A. There's nothing in here that	17	A. Correct, it is. Correct.
18	requested.	18	Q. Is the assessment included in
19	Q. Okay. Can you direct the Hearing	19	that?
20	Officer to any section or page in Exhibit J-3,	20	A. No, sir.
21	Part I, which is the operating plan, where the	21	Q. And is that assessment included in
22	City has provided an assessment with supporting	22	Exhibit J-3, Part IV, which is the I think
23	factual information of the impact that the	23	you said three-page application?
	Page 429		Page 431
1		1	
1 2	variance from Rule 335-13-423 paren 1(c) will	1 2	A. No, sir, it's not.
			<ul><li>A. No, sir, it's not.</li><li>Q. All right. Can you direct the</li></ul>
2	variance from Rule 335-13-423 paren 1(c) will have on public health and the environment?  A. Okay. So we're still on we're	2	<ul><li>A. No, sir, it's not.</li><li>Q. All right. Can you direct the</li><li>Hearing Officer to any section or page in</li></ul>
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2 3 4	variance from Rule 335-13-423 paren 1(c) will have on public health and the environment?  A. Okay. So we're still on we're on 23 (1)(c), which is, Confined to as small an	2 3 4	A. No, sir, it's not. Q. All right. Can you direct the Hearing Officer to any section or page in Exhibit J-3, Part I, the operating plan, that includes a concise factual statement of the
2 3 4 5	variance from Rule 335-13-423 paren 1(c) will have on public health and the environment?  A. Okay. So we're still on we're on 23 (1)(c), which is, Confined to as small an area as possible, and you're asking me to look	2 3 4 5	A. No, sir, it's not. Q. All right. Can you direct the Hearing Officer to any section or page in Exhibit J-3, Part I, the operating plan, that
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2 3 4 5 6 7	variance from Rule 335-13-423 paren 1(c) will have on public health and the environment?  A. Okay. So we're still on we're on 23 (1)(c), which is, Confined to as small an area as possible, and you're asking me to look in what?  Q. In the operating plan, Exhibit	2 3 4 5 6 7	A. No, sir, it's not. Q. All right. Can you direct the Hearing Officer to any section or page in Exhibit J-3, Part I, the operating plan, that includes a concise factual statement of the reasons the City believes that noncompliance with Rule 335-13-423, paren 1(c) will not
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	variance from Rule 335-13-423 paren 1(c) will have on public health and the environment?  A. Okay. So we're still on we're on 23 (1)(c), which is, Confined to as small an area as possible, and you're asking me to look in what?  Q. In the operating plan, Exhibit J-3, Part I. The question is: Does that include an assessment with supporting factual information of the impact of the variance from the rule we just discussed on public health and the environment?  A. It's just the operating plan is all it is.  Q. Pardon me?  A. Without me having to go look for it, you're asking me in the operating plan, is	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A. No, sir, it's not. Q. All right. Can you direct the Hearing Officer to any section or page in Exhibit J-3, Part I, the operating plan, that includes a concise factual statement of the reasons the City believes that noncompliance with Rule 335-13-423, paren 1(c) will not threaten public health or unreasonably create environmental pollution? A. No, sir. I don't think I could. Q. Okay. And with respect to Exhibit J-3, Part II, would that statement of reasons be included or is that statement of reasons included in Exhibit J-3, Part II? A. I don't believe it is. Q. And is that statement of reasons included in Exhibit J-3, Part III?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	variance from Rule 335-13-423 paren 1(c) will have on public health and the environment?  A. Okay. So we're still on we're on 23 (1)(c), which is, Confined to as small an area as possible, and you're asking me to look in what?  Q. In the operating plan, Exhibit J-3, Part I. The question is: Does that include an assessment with supporting factual information of the impact of the variance from the rule we just discussed on public health and the environment?  A. It's just the operating plan is all it is.  Q. Pardon me?  A. Without me having to go look for it, you're asking me in the operating plan, is it what am I looking for again? Which	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	A. No, sir, it's not. Q. All right. Can you direct the Hearing Officer to any section or page in Exhibit J-3, Part I, the operating plan, that includes a concise factual statement of the reasons the City believes that noncompliance with Rule 335-13-423, paren 1(c) will not threaten public health or unreasonably create environmental pollution? A. No, sir. I don't think I could. Q. Okay. And with respect to Exhibit J-3, Part II, would that statement of reasons be included or is that statement of reasons included in Exhibit J-3, Part II? A. I don't believe it is. Q. And is that statement of reasons included in Exhibit J-3, Part III? A. I wouldn't no, sir. I don't
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	variance from Rule 335-13-423 paren 1(c) will have on public health and the environment?  A. Okay. So we're still on we're on 23 (1)(c), which is, Confined to as small an area as possible, and you're asking me to look in what?  Q. In the operating plan, Exhibit J-3, Part I. The question is: Does that include an assessment with supporting factual information of the impact of the variance from the rule we just discussed on public health and the environment?  A. It's just the operating plan is all it is.  Q. Pardon me?  A. Without me having to go look for it, you're asking me in the operating plan, is it what am I looking for again? Which section?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. No, sir, it's not. Q. All right. Can you direct the Hearing Officer to any section or page in Exhibit J-3, Part I, the operating plan, that includes a concise factual statement of the reasons the City believes that noncompliance with Rule 335-13-423, paren 1(c) will not threaten public health or unreasonably create environmental pollution? A. No, sir. I don't think I could. Q. Okay. And with respect to Exhibit J-3, Part II, would that statement of reasons be included or is that statement of reasons included in Exhibit J-3, Part II? A. I don't believe it is. Q. And is that statement of reasons included in Exhibit J-3, Part III? A. I wouldn't no, sir. I don't think so.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	variance from Rule 335-13-423 paren 1(c) will have on public health and the environment?  A. Okay. So we're still on we're on 23 (1)(c), which is, Confined to as small an area as possible, and you're asking me to look in what?  Q. In the operating plan, Exhibit J-3, Part I. The question is: Does that include an assessment with supporting factual information of the impact of the variance from the rule we just discussed on public health and the environment?  A. It's just the operating plan is all it is.  Q. Pardon me?  A. Without me having to go look for it, you're asking me in the operating plan, is it what am I looking for again? Which section?  Q. You're looking for you're	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. No, sir, it's not. Q. All right. Can you direct the Hearing Officer to any section or page in Exhibit J-3, Part I, the operating plan, that includes a concise factual statement of the reasons the City believes that noncompliance with Rule 335-13-423, paren 1(c) will not threaten public health or unreasonably create environmental pollution? A. No, sir. I don't think I could. Q. Okay. And with respect to Exhibit J-3, Part II, would that statement of reasons be included or is that statement of reasons included in Exhibit J-3, Part II? A. I don't believe it is. Q. And is that statement of reasons included in Exhibit J-3, Part III? A. I wouldn't no, sir. I don't think so. Q. And is that statement of reasons

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	Page 432		Page 434
1	to any section or page in Exhibit J-3, Part I,	1	A. Nothing specific. And the last
2	that includes a clear and complete statement of	2	sentence says, The Land Division has determined
3	the precise extent of the relief sought,	3	that the modification of the permit meets the
4	including specific identification of the	4	applicable requirements of ADEM Administrative
5	particular provision of the regulations from	5	Codes Division 13.
6	which a variance is sought? And I'm I'm	6	Q. Okay. Can you direct the Hearing
7	referring to Rule 335-13-423 paren 1(c), as	7	Officer to any place in Exhibit J-1, in the
8	the regulations.	8	entire exhibit that's the permit
9	A. It has two working faces still.	9	A. Okay.
10	Q. It's the	10	Q where ADEM made an express
11	Confined-as-small-as-possible rule?	11	finding that noncompliance with Rule
12	A. Okay. Right. Okay. All right.	12	335-13-423
13	Q. Is there a clear and complete	13	MR. CARTER: Your Honor, I'm going
14	statement of the precise extent of relief sought	14	to object. That's been asked and
15	provided by the applicant in Exhibit J-3, Part	15	answered.
16	I?	16	HEARING OFFICER: Overruled.
17	A. I don't think so.	17	THE WITNESS: Do I have to answer
18	Q. Same question with regard to	18	it? Okay.
19	Exhibit J-3, Part II.	19	HEARING OFFICER: If he finished.
20	A. Again, I do not believe so.	20	Did you finish?
21	Q. I'm sorry?	21	MR. LUDDER: No, I didn't finish
22	A. I don't believe so.	22	the question.
23	Q. And the same question with regard	23	THE WITNESS: Okay. Sorry.
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	-		
1	to Exhibit J-3, Part III.	1	BY MR. LUDDER:
2	A. Correct. I don't I don't	2	Q. Can you direct the Hearing Officer
3	believe so.	3	to any place in Exhibit J-1 where ADEM made an
4	Q. And the same question with regard	4	express finding that noncompliance with Rule
5	to Exhibit J-3, Part IV.	5	335-13-423 paren 1, paren c will not threaten
6	A. Again, I don't think so.	6	the public health or unreasonably create
7	Q. Okay. If you would, look at	7	environmental pollution? And the question is:
8	Exhibit J-1 again, the final permit.	8	Is there an express finding to that effect in
9	A. All right.	9	Exhibit J-1?
10	Q. Okay. The first page of that	10	A. I will read the last sentence of
11	exhibit, I believe, is the cover letter,	11	the variance, which may do that.
12	correct?	12	Any variance granted by ADEM may be
13	A. Correct.	13	terminated by ADEM whenever ADEM finds, after
14	Q. The second page is a document	14	notice and opportunity for hearing, that the
15	entitled, Final Determination.	15	petitioner is in violation of any requirement,
16	Do you see that?	16	condition, schedule, limitation or any other
17	A. Yes, sir.	17	provision of the variance, and that the
18	Q. Is there anything in that Final	18	[verbatim] operation under the variance does not
19	Determination that expresses a finding by the	19	meet the minimum requirements established
20	Department that noncompliance with Rule	20	byfederal lawor is unreasonably
21	335-13-423(1)(c) will not threaten the public	21	threatening to public health.
22	health or unreasonably create environmental	22	I'm not sure if that
23	pollution?	23	MR. LUDDER: Are you getting that?
1		1	

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1	COURT REPORTER: Uh-huh.	1	Department. Yes.	
2	THE WITNESS: I think I actually	2	Q. Okay. And if you would, turn to	
3	skipped a couple words there. Sorry	3	Exhibit J-3, Part I, the operating manual,	
4	about that.	4	Section 7.4.	
5	A. But besides that, I don't think	5	A. All right.	
6	there's any there's nothing else in there	6	Q. All right. Now, the City of	
7	that says	7	Dothan, in this operating manual well, would	
8	Q. Okay. What you referred to is the	8	you read the first sentence of Section 7.4 of	
9	last the very last paragraph on Page 14 of	9	the operating manual?	
10	the permit, correct?	10	A. 7.4, Operating Slope.	
11	A. Right.	11	The landfill operator shall construct with	
12	Q. That's what you were reading from?	12	a working face construct a working face with	
13	A. Yes, sir.	13	a slope of approximately three to one.	
14	Q. And other than that paragraph, you	14	Q. So does that deviate from the rule	
15	don't know of any expressed finding that	15	that you just read	
16	noncompliance with 335-13-423 paren 1(c) will	16	A. Yes.	
17	not threaten the public health or unreasonably	17	Q which speaks to as a	
18	create environmental pollution?	18	four-to-one slope?	
19	A. No, sir.	19	A. Correct.	
20	Q. I'm sorry?	20	Q. Now, if you would, refer to	
	A. No, sir.		Exhibit J-1, the permit, Section III, Paragraph	
21	Q. All right. If you would now, look	21	J, on Page 9.	
22	at Rule 335-1322 [verbatim].	23	A. Okay.	
23	at Rule 333-1322 [verbattin].	23	A. Okay.	
	Page 437		Page 439	
1	A. Okay.	1	Q. That's the Daily Cells provision,	
2	Q. Paren 1, paren b. Did you find	2	correct?	
3	that paragraph?			
_		3	A. Correct.	
4		3 4	<ul><li>A. Correct.</li><li>O. And what's the slope the face</li></ul>	
4 5	A. Say it again.	4	Q. And what's the slope the face	
5	A. Say it again. Q. Paren 1.	<b>4</b> 5	Q. And what's the slope the face slope requirement in that section?	
5 6	<ul><li>A. Say it again.</li><li>Q. Paren 1.</li><li>A. You said in 422 or23?</li></ul>	4	<ul><li>Q. And what's the slope the face slope requirement in that section?</li><li>A. Daily Cells, it says do you</li></ul>	
5 6 7	<ul><li>A. Say it again.</li><li>Q. Paren 1.</li><li>A. You said in 422 or23?</li><li>Q. 422.</li></ul>	4 5 6 7	Q. And what's the slope the face slope requirement in that section?  A. Daily Cells, it says do you want me to read it?	
5 6	<ul><li>A. Say it again.</li><li>Q. Paren 1.</li><li>A. You said in 422 or23?</li><li>Q. 422.</li><li>A. Paren 1?</li></ul>	4 5 6	<ul><li>Q. And what's the slope the face slope requirement in that section?</li><li>A. Daily Cells, it says do you</li></ul>	
5 6 7 8	<ul> <li>A. Say it again.</li> <li>Q. Paren 1.</li> <li>A. You said in 422 or23?</li> <li>Q. 422.</li> <li>A. Paren 1?</li> <li>Q. Paren 1, sub paren b.</li> </ul>	4 5 6 7 8	Q. And what's the slope the face slope requirement in that section?  A. Daily Cells, it says do you want me to read it?  Q. Well, is it four to one or three to one?	
5 6 7 8 9	<ul> <li>A. Say it again.</li> <li>Q. Paren 1.</li> <li>A. You said in 422 or23?</li> <li>Q. 422.</li> <li>A. Paren 1?</li> <li>Q. Paren 1, sub paren b.</li> <li>A. Okay. I got it.</li> </ul>	4 5 6 7 8 9	Q. And what's the slope the face slope requirement in that section?  A. Daily Cells, it says do you want me to read it?  Q. Well, is it four to one or three	
5 6 7 8 9	<ul> <li>A. Say it again.</li> <li>Q. Paren 1.</li> <li>A. You said in 422 or23?</li> <li>Q. 422.</li> <li>A. Paren 1?</li> <li>Q. Paren 1, sub paren b.</li> <li>A. Okay. I got it.</li> <li>Q. Okay. Does that rule require a</li> </ul>	4 5 6 7 8 9	Q. And what's the slope the face slope requirement in that section?  A. Daily Cells, it says do you want me to read it?  Q. Well, is it four to one or three to one?  A. It says four to one.  Q. Four to one? And that's so	
5 6 7 8 9 10	A. Say it again. Q. Paren 1. A. You said in 422 or23? Q. 422. A. Paren 1? Q. Paren 1, sub paren b. A. Okay. I got it. Q. Okay. Does that rule require a face slope not to exceed four to one?	4 5 6 7 8 9 10	Q. And what's the slope the face slope requirement in that section?  A. Daily Cells, it says do you want me to read it?  Q. Well, is it four to one or three to one?  A. It says four to one.  Q. Four to one? And that's so during daily operation, under the permit, a	
5 6 7 8 9 10 11	<ul> <li>A. Say it again.</li> <li>Q. Paren 1.</li> <li>A. You said in 422 or23?</li> <li>Q. 422.</li> <li>A. Paren 1?</li> <li>Q. Paren 1, sub paren b.</li> <li>A. Okay. I got it.</li> <li>Q. Okay. Does that rule require a</li> </ul>	4 5 6 7 8 9 10 11	Q. And what's the slope the face slope requirement in that section?  A. Daily Cells, it says do you want me to read it?  Q. Well, is it four to one or three to one?  A. It says four to one.  Q. Four to one? And that's so during daily operation, under the permit, a four-to-one slope is required; is that right?	
5 6 7 8 9 10 11 12 13	A. Say it again. Q. Paren 1. A. You said in 422 or23? Q. 422. A. Paren 1? Q. Paren 1, sub paren b. A. Okay. I got it. Q. Okay. Does that rule require a face slope not to exceed four to one? A. It says the paragraph says, All waste shall be confined to as small an area as	4 5 6 7 8 9 10 11 12 13	Q. And what's the slope the face slope requirement in that section?  A. Daily Cells, it says do you want me to read it?  Q. Well, is it four to one or three to one?  A. It says four to one.  Q. Four to one? And that's so during daily operation, under the permit, a four-to-one slope is required; is that right?  A. That's what it says, yes.	
5 6 7 8 9 10 11 12 13 14	A. Say it again. Q. Paren 1. A. You said in 422 or23? Q. 422. A. Paren 1? Q. Paren 1, sub paren b. A. Okay. I got it. Q. Okay. Does that rule require a face slope not to exceed four to one? A. It says the paragraph says, All waste shall be confined to as small an area as possible and spread to a depth not to exceed	4 5 6 7 8 9 10 11 12 13	Q. And what's the slope the face slope requirement in that section?  A. Daily Cells, it says do you want me to read it?  Q. Well, is it four to one or three to one?  A. It says four to one.  Q. Four to one? And that's so during daily operation, under the permit, a four-to-one slope is required; is that right?  A. That's what it says, yes.  Q. And that's at the municipal solid	
5 6 7 8 9 10 11 12 13 14	A. Say it again. Q. Paren 1. A. You said in 422 or23? Q. 422. A. Paren 1? Q. Paren 1, sub paren b. A. Okay. I got it. Q. Okay. Does that rule require a face slope not to exceed four to one? A. It says the paragraph says, All waste shall be confined to as small an area as possible and spread to a depth not to exceed [verbatim] two feet prior to compaction, and	4 5 6 7 8 9 10 11 12 13 14	Q. And what's the slope the face slope requirement in that section?  A. Daily Cells, it says do you want me to read it?  Q. Well, is it four to one or three to one?  A. It says four to one.  Q. Four to one? And that's so during daily operation, under the permit, a four-to-one slope is required; is that right?  A. That's what it says, yes.	
5 6 7 8 9 10 11 12 13 14 15 16	A. Say it again. Q. Paren 1. A. You said in 422 or23? Q. 422. A. Paren 1? Q. Paren 1, sub paren b. A. Okay. I got it. Q. Okay. Does that rule require a face slope not to exceed four to one? A. It says the paragraph says, All waste shall be confined to as small an area as possible and spread to a depth not to exceed [verbatim] two feet prior to compaction, and such compaction shall be accomplished on a face	4 5 6 7 8 9 10 11 12 13 14 15	Q. And what's the slope the face slope requirement in that section?  A. Daily Cells, it says do you want me to read it?  Q. Well, is it four to one or three to one?  A. It says four to one.  Q. Four to one? And that's so during daily operation, under the permit, a four-to-one slope is required; is that right?  A. That's what it says, yes.  Q. And that's at the municipal solid waste landfill, right?  A. Correct.	
5 6 7 8 9 10 11 12 13 14 15 16 17	A. Say it again. Q. Paren 1. A. You said in 422 or23? Q. 422. A. Paren 1? Q. Paren 1, sub paren b. A. Okay. I got it. Q. Okay. Does that rule require a face slope not to exceed four to one? A. It says the paragraph says, All waste shall be confined to as small an area as possible and spread to a depth not to exceed [verbatim] two feet prior to compaction, and such compaction shall be accomplished on a face slope not to exceed four to one or as otherwise	4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. And what's the slope the face slope requirement in that section?  A. Daily Cells, it says do you want me to read it?  Q. Well, is it four to one or three to one?  A. It says four to one.  Q. Four to one? And that's so during daily operation, under the permit, a four-to-one slope is required; is that right?  A. That's what it says, yes.  Q. And that's at the municipal solid waste landfill, right?  A. Correct.  Q. So which does the permit	
5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. Say it again. Q. Paren 1. A. You said in 422 or23? Q. 422. A. Paren 1? Q. Paren 1, sub paren b. A. Okay. I got it. Q. Okay. Does that rule require a face slope not to exceed four to one? A. It says the paragraph says, All waste shall be confined to as small an area as possible and spread to a depth not to exceed [verbatim] two feet prior to compaction, and such compaction shall be accomplished on a face slope not to exceed four to one or as otherwise approved by the Department.	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. And what's the slope the face slope requirement in that section?  A. Daily Cells, it says do you want me to read it?  Q. Well, is it four to one or three to one?  A. It says four to one.  Q. Four to one? And that's so during daily operation, under the permit, a four-to-one slope is required; is that right?  A. That's what it says, yes.  Q. And that's at the municipal solid waste landfill, right?  A. Correct.  Q. So which does the permit incorporate the application as part of the	
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. Say it again. Q. Paren 1. A. You said in 422 or23? Q. 422. A. Paren 1? Q. Paren 1, sub paren b. A. Okay. I got it. Q. Okay. Does that rule require a face slope not to exceed four to one? A. It says the paragraph says, All waste shall be confined to as small an area as possible and spread to a depth not to exceed [verbatim] two feet prior to compaction, and such compaction shall be accomplished on a face slope not to exceed four to one or as otherwise approved by the Department. Q. Okay. Does that mean that after	4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. And what's the slope the face slope requirement in that section?  A. Daily Cells, it says do you want me to read it?  Q. Well, is it four to one or three to one?  A. It says four to one.  Q. Four to one? And that's so during daily operation, under the permit, a four-to-one slope is required; is that right?  A. That's what it says, yes.  Q. And that's at the municipal solid waste landfill, right?  A. Correct.  Q. So which does the permit incorporate the application as part of the permit?	
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. Say it again. Q. Paren 1. A. You said in 422 or23? Q. 422. A. Paren 1? Q. Paren 1, sub paren b. A. Okay. I got it. Q. Okay. Does that rule require a face slope not to exceed four to one? A. It says the paragraph says, All waste shall be confined to as small an area as possible and spread to a depth not to exceed [verbatim] two feet prior to compaction, and such compaction shall be accomplished on a face slope not to exceed four to one or as otherwise approved by the Department. Q. Okay. Does that mean that after compaction, the face slope has to be four to one	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. And what's the slope the face slope requirement in that section?  A. Daily Cells, it says do you want me to read it?  Q. Well, is it four to one or three to one?  A. It says four to one.  Q. Four to one? And that's so during daily operation, under the permit, a four-to-one slope is required; is that right?  A. That's what it says, yes.  Q. And that's at the municipal solid waste landfill, right?  A. Correct.  Q. So which does the permit incorporate the application as part of the permit?  A. I I assume so. I think so.	
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. Say it again. Q. Paren 1. A. You said in 422 or23? Q. 422. A. Paren 1? Q. Paren 1, sub paren b. A. Okay. I got it. Q. Okay. Does that rule require a face slope not to exceed four to one? A. It says the paragraph says, All waste shall be confined to as small an area as possible and spread to a depth not to exceed [verbatim] two feet prior to compaction, and such compaction shall be accomplished on a face slope not to exceed four to one or as otherwise approved by the Department. Q. Okay. Does that mean that after	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. And what's the slope the face slope requirement in that section?  A. Daily Cells, it says do you want me to read it?  Q. Well, is it four to one or three to one?  A. It says four to one.  Q. Four to one? And that's so during daily operation, under the permit, a four-to-one slope is required; is that right?  A. That's what it says, yes.  Q. And that's at the municipal solid waste landfill, right?  A. Correct.  Q. So which does the permit incorporate the application as part of the permit?	

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	Page 440		Page 442
1	paragraph.	1	because that's not even an issue
2	A. Okay.	2	brought up in the request for hearing,
3	Q. And the first sentence, does that	3	the variance granted to the face
4	indicate that the permit application is	4	slope. The variance was granted to
5	incorporated by reference into the permit?	5	the final slope, and that's what's in
6	A. It says, As known And known as	6	the request for hearing, not the face
7	the Permit Application hereby incorporated by	7	slope.
8	reference and hereinafter referred to as the	8	MR. LUDDER: And I'm getting to the
9	Application.	9	connection in just a moment.
10	Q. So does that provision incorporate	10	HEARING OFFICER: All right. I'll
11	by reference the application?	11	let you go ahead.
12	A. Yes.	12	BY MR. LUDDER:
13	Q. So you have two conflicting	13	Q. Your last comment was what?
14	requirements, one in the terms of the permit	14	A. I don't know how you'd get to a
15	that says four-to-one face slope, and in the	15	three-to-one outside outside slope if you
16	application, it says three-to-one face slope; is	16	didn't have three-to-one interior slope.
17	that right?	17	Q. Okay. So you don't think that you
18	A. Yes, sir.	18	can let's suppose that the City is required
19	Q. And was the was the City	19	to comply with a daily face slope of four to
20	granted a variance from the four-to-one face	20	one. Can they, engineering-wise, achieve a
21	slope the four-to-one face slope? Not the	21	final cover slope of three to one?
22	final slope, but the face slope?	22	A. Technically, I guess they could,
23	A. Excuse me. Do you want me to read	23	but I don't I don't know how they would do
	11. Excuse me. Bo you want me to read		but I don't redon't know now they would do
	Page 441		Page 443
	Page 441		Page 443
1	the variance?	1	it, personally.
2	the variance? Q. Well, no, I'm just asking	2	it, personally. Q. Okay.
2	the variance?  Q. Well, no, I'm just asking you what does the variance cover the face	2	it, personally. Q. Okay. A. It would take a lot of dirt,
2 3 4	the variance?  Q. Well, no, I'm just asking you what does the variance cover the face slope, the daily operating face slope?	2 3 4	it, personally. Q. Okay. A. It would take a lot of dirt, probably.
2 3 4 5	the variance?  Q. Well, no, I'm just asking you what does the variance cover the face slope, the daily operating face slope?  A. You know, I I had assumed it	2 3 4 5	it, personally. Q. Okay. A. It would take a lot of dirt, probably. Q. Okay. All right. Now,
2 3 4 5 6	the variance?  Q. Well, no, I'm just asking you what does the variance cover the face slope, the daily operating face slope?  A. You know, I I had assumed it was. How about that? That was I thought it	2 3 4 5 6	it, personally. Q. Okay. A. It would take a lot of dirt, probably. Q. Okay. All right. Now, Rule 335-13-420 refers to what?
2 3 4 5 6 7	the variance?  Q. Well, no, I'm just asking you what does the variance cover the face slope, the daily operating face slope?  A. You know, I I had assumed it was. How about that? That was I thought it did, but, obviously, reading it, it doesn't	2 3 4 5 6 7	it, personally. Q. Okay. A. It would take a lot of dirt, probably. Q. Okay. All right. Now, Rule 335-13-420 refers to what? A. Closure and Post-Closure.
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	the variance?  Q. Well, no, I'm just asking you what does the variance cover the face slope, the daily operating face slope?  A. You know, I I had assumed it was. How about that? That was I thought it did, but, obviously, reading it, it doesn't appear to.  Q. Does it say, Final slope?  A. It does say, Final cover system shall not exceed there again a variance for three-to-one final slopes.  Q. Okay. And  A. That would be the final slopes if you didn't have any daily slopes?  MR. CARTER: Can I  A. I don't know how you'd do that  HEARING OFFICER: Hold on.  MR. CARTER: David or the question you had on the face slope, is that what you're asking?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	it, personally.  Q. Okay. A. It would take a lot of dirt, probably. Q. Okay. All right. Now, Rule 335-13-420 refers to what? A. Closure and Post-Closure. Q. I'm sorry? A. Closure and Post-Closure. Q. Okay. And Paragraph yeah, in Paragraph 2(b) I'm sorry 2(c), what does that address? A. Final soil cover shall be graded so that then it's got some stuff below it. Q. I'm sorry? A. It deals with final soil cover, the grading of it. Q. All right. And Subparagraph 2 under (c), specifies the final grade, correct? A. Correct. Q. Would you read that?

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	Page 444		Page 446
1	or as specified by the Department to minimize	1	final final grade of the final soil cover?
2	erosion.	2	A. It does not.
3	Q. All right. Now, if you would,	3	Q. It does not? All right. Did the
4	refer to Exhibit J-3, Part I, the operating	4	rules provide I withdraw that.
5	manual, and turn to Section 7.5.1.	5	Let's look at Rule 335-13-423.
6	A. Okay.	6	A. Okay. C&D?
7	Q. Did you find that?	7	Q. Right. This is the C&D
8	A. Yes.	8	requirement, correct?
9	Q. And in that section, does what	9	A. Yes, sir.
10	does all right. Would you read from the	10	Q. And Subparagraph 1(c) I'm
11	beginning of that section to the end of	11	sorry.
12	Subparagraph 2?	12	Is there a rule or is there a provision
13	A. From there to there?	13	in that rule that addresses the slope of the
14	Q. Yes.	14	final cover?
15	A. 7.5.1, Final Grading.	15	A. For a for a C&D landfill?
16	The Closure Plan for the landfill includes	16	Q. Correct.
17	a final contour and drainage plan as required by	17	A. You said for the which for
18	ADEM Administrative Code, Rule 335-13-4.20. The	18	which slope? For internal? Or
19	final grades shown in the Permit Plans are	19	Q. For the final cover.
20	indicative of top of waste. The regulations	20	A. For the final? It says, Final
21	require that the final soil cover are [verbatim]	21	closure shall be carried out in accordance of
22	graded so that: Surface water does not pond	22	-420 of this Division. I think in -420, it
23	over the landfill facility.	23	mentions
	Page 445		Page 447
1		1	Page 447 COURT REPORTER: I'm sorry, sir?
1 2	Page 445  The final grade does not exceed three to one.	1 2	
	The final grade does not exceed three to		COURT REPORTER: I'm sorry, sir?
2	The final grade does not exceed three to one.	2	COURT REPORTER: I'm sorry, sir?  A. I think that final closure shall
2	The final grade does not exceed three to one.  Q. Okay. Did you pardon me?	2	COURT REPORTER: I'm sorry, sir?  A. I think that final closure shall be carried out in accordance with 335-13-420
2 3 4	The final grade does not exceed three to one.  Q. Okay. Did you pardon me?  A. Go ahead. I'm sorry. I was	2 3 4	COURT REPORTER: I'm sorry, sir?  A. I think that final closure shall be carried out in accordance with 335-13-420 of this Division. I think that's where it
2 3 4 5	The final grade does not exceed three to one.  Q. Okay. Did you pardon me?  A. Go ahead. I'm sorry. I was making sure there wasn't anything on that next	2 3 4 5	COURT REPORTER: I'm sorry, sir?  A. I think that final closure shall be carried out in accordance with 335-13-420 of this Division. I think that's where it mentions it.
2 3 4 5 6	The final grade does not exceed three to one.  Q. Okay. Did you pardon me?  A. Go ahead. I'm sorry. I was making sure there wasn't anything on that next page.	2 3 4 5 6	COURT REPORTER: I'm sorry, sir?  A. I think that final closure shall be carried out in accordance with 335-13-420 of this Division. I think that's where it mentions it.  Q. All right. Turn to that section.
2 3 4 5 6 7	The final grade does not exceed three to one.  Q. Okay. Did you pardon me?  A. Go ahead. I'm sorry. I was making sure there wasn't anything on that next page.  Q. Now, is it true that the	2 3 4 5 6 7	COURT REPORTER: I'm sorry, sir?  A. I think that final closure shall be carried out in accordance with 335-13-420 of this Division. I think that's where it mentions it.  Q. All right. Turn to that section. And I believe it should be on Page 4-15. Is
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	The final grade does not exceed three to one.  Q. Okay. Did you pardon me? A. Go ahead. I'm sorry. I was making sure there wasn't anything on that next page.  Q. Now, is it true that the regulations require that the final soil cover be graded so that the final grade does not exceed three to one?  A. No. The regulation says four to one.  Q. So that's an incorrect statement? A. Yeah, I guess. Yes. Q. And A. Maybe this is a site-specific operation manual, I guess, and this Q. I'm sorry? A. Maybe this is part of the request for three to one. They're just mentioning it in here and jumping ahead, I guess. Q. Does Section 7.5.1 ask for a	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	COURT REPORTER: I'm sorry, sir?  A. I think that final closure shall be carried out in accordance with 335-13-420 of this Division. I think that's where it mentions it.  Q. All right. Turn to that section. And I believe it should be on Page 4-15. Is that what you show?  A. Is it not the same one we were just at a while ago?  Q. Yep. It's on a different page number.  A. Okay. Yep.  Q. All right. So you're looking at Page 4-13, and what paragraph are you looking at?  A. 2 this is the one we just did a while ago 2(c), which is, Final cover Final soil cover shall be graded so that and then 2 says, The maximum final grade of the final cover system shall not exceed 25 percent or as specified by the Department to
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	The final grade does not exceed three to one.  Q. Okay. Did you pardon me?  A. Go ahead. I'm sorry. I was making sure there wasn't anything on that next page.  Q. Now, is it true that the regulations require that the final soil cover be graded so that the final grade does not exceed three to one?  A. No. The regulation says four to one.  Q. So that's an incorrect statement?  A. Yeah, I guess. Yes.  Q. And  A. Maybe this is a site-specific operation manual, I guess, and this  Q. I'm sorry?  A. Maybe this is part of the request for three to one. They're just mentioning it in here and jumping ahead, I guess.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	COURT REPORTER: I'm sorry, sir?  A. I think that final closure shall be carried out in accordance with 335-13-420 of this Division. I think that's where it mentions it.  Q. All right. Turn to that section. And I believe it should be on Page 4-15. Is that what you show?  A. Is it not the same one we were just at a while ago?  Q. Yep. It's on a different page number.  A. Okay. Yep.  Q. All right. So you're looking at Page 4-13, and what paragraph are you looking at?  A. 2 this is the one we just did a while ago 2(c), which is, Final cover Final soil cover shall be graded so that and then 2 says, The maximum final grade of the final cover system shall not exceed 25

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- Q. All right. So it's your position
- 2 that at the C&D landfill, the final slope cover
- 3 should be four to one; is that right?
- 4 A. Correct.
- 5 Q. Under the rule?
- 6 A. Right, right.
- 7 Q. And is there any provision in the
- 8 permit that authorizes a variance from that
- 9 requirement at the C&D landfill?
- A. Say your question one more time,
- 11 please.
- Q. Is there any provision in the
- 13 permit that authorizes a variance from that
- requirement at the C&D landfill?
- A. The variance states, The Permittee
- is granted a variance from ADEM Rule
- 17 335-13-4-.20(2)(c)2. -- which we just
- 18 read -- Requiring that the maximum final grade
- of the final cover system not exceed four to
- 20 one. The Permittee shall construct a final
- 21 cover system with three to one final slopes...
- Q. So do you think that
- 23 that -- excuse me. You didn't finish reading

- 1 A. The permit doesn't speculate if
  - 2 it's for both of them or just one of them, so I
  - 3 assume the way the permit is written, it would
  - 4 cover both of them.
  - 5 Q. Okay. Now, if you would, look
  - 6 at -- look at Section 8.1 of the operating
  - 7 manual, Exhibit J-3, Part I. And look at
  - 8 Paragraph C -- I'm sorry. It's not Paragraph C.
  - 9 All right. Is there any place in Section 8 of
  - 10 J-3, Part I, that addresses the slope of the
  - 11 final cover for the C&D portion of the landfill?
  - A. The final cover. It -- it doesn't mention specifically. The slope's in here, but
  - 14 not -- it doesn't mention final cover, unless
  - 15 I'm just missing it.
  - Q. Okay. Can you look at Section
  - 7.5? I'm sorry. 7.5 is the municipal, right?
    - A. Municipal, right.
  - Q. Is there any discussion in Section
  - 8 about closure of the C&D landfill?
    - A. Okay. Do you want me to read?
  - 22 Q. Yeah.
  - 23 A. Okay.

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18

21

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- 1 that last sentence.
- A. Oh, okay. I'm sorry. No, I
- 3 didn't.
- 4 ...As shown in the final [verbatim] drawing
- 5 dated January 15, 2015. See Section VIII.A.
- 6 Q. Okay. So is it your position
- 7 that -- that the variance allows a three-to-one
- 8 slope of the final cover at the C&D landfill?
- A. That variance there, does it allow
- 10 it for the C&D? Let me see, it goes back to
- 11 VIII.A. It appears to.
- 12 Q. Okay.
- A. I mean, I -- yeah, I think it
- 14 does.
- Q. Okay. So the permit authorizes a
- variance of -- to a slope of three to one for
- 17 the C&D landfill; is that right? That -- I
- believe that's what you just testified to.
- A. Well, I'm saying -- the -- the
- variance -- the variance from Rule -- the (c)2
- 21 rule, and we said a while ago that the C&D
- refers back to that -- to this rule.
- Q. Right.

- Final closure shall be carried out
- 2 in accordance with ADEM Administrative Code
- 3 335-13-4-.20 of this Division, along with the
- 4 Permit Plans.
- 5 Q. Okay. And that rule that they
- 6 cited specifies a four-to-one slope, does it
- 7 not?

8

9

- A. Yes, sir, it does.
- Q. Did they request a variance from
- the slope requirement of 335-13-4-.20?
  - A. For the C&D portion?
- Q. For the C&D portion, yes.
- A. I don't -- I don't know. I don't
- 14 think so.
- O. Okay. But you -- the Department
- 16 granted a variance from that slope requirement
- 17 for the C&D landfill?
- A. The -- it appears we wrote it in
- 19 there to give a variance to this provision, and
- because the permit covered both the C&D and the
- 21 MSW, it appears that it -- it takes care of both
- 22 of them.
- Q. All right.

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1	A. Does that make sense?	1	any of the materials that the City submitted to		
2	Q. Yeah, I think. They didn't ask	2	ADEM address calculates calculations for		
3	for a variance, but the permit allows a	3	soil loss?		
4	variance?	4	A. We already saw the stability		
5	A. I think the permit wasn't it	5	analysis. I I assume it would be in there.		
6	wasn't written to give them a variance from it,	6	Q. Okay. Can you		
7	but I think the way it was written allows for	7	A. I have not read that, though.		
8	it.	8	Q. Okay. It may not be there as		
9	Q. So your intention was different?	9	well?		
10	A. Correct.	10	A. I have no idea.		
11	Q. Okay. Would you look at the	11	Q. Okay. So you don't know either		
12	Exhibit P-5, which is the plan drawings in front	12	way?		
13	of you, and tell me if there's any one of those	13	A. Either way. No, sir. No, sir.		
14	drawings that show the final slope of the C&D	14	Q. Okay. You testified earlier from		
15	landfill?	15	your reading of the rule, that or the reading		
16	A. It shows four to one.	16	of a rule, that the final cover system of four		
17	Q. It says four to one?	17	to one was to minimize erosion. Do you recall		
18	A. I mean, I might have to have some	18	that?		
19	glasses to see it, but I think it says four to	19	A. I read it? Is that what you said?		
20	one. Do you see it?	20	Q. Yeah.		
21	Q. I do. I see it.	21	A. Okay. Yeah, I probably did. I		
22	A. I can barely see it.	22	read a lot of stuff.		
23	Q. Okay. And you're looking at the	23	Q. Okay, okay. Minimizing erosion is		
			, , , , , , , , , , , , , , , , , , ,		
	Page 453		Page 455		
1	Final Grading Plans, Sheet Number 5, correct?	1	is the reason for imposing a four-to-one		
2	A. Correct.	2	slope requirement, is it not?		
3	Q. And in the the right half of	3	A. It's a major part of it. Yes,		
4	this page, you're looking at a diagram which you	4	sir.		
5	believe to be the C&D landfill?	5	Q. Okay. And would a three-to-one		
6	A. Correct.	6	slope requirement be a steeper requirement than		
7	Q. And what's shown on the left half	7	four to one?		
8	of the page?	8	A. That's a more difficult		
9	A. The existing landfill, and the	9	requirement. Steeper? Or		
10	modification the the expansion of the MSW	10	Q. No, I'm talking about steeper in		
11	portion.	11	terms of slope. Is it a steeper slope?		
12	Q. Okay. So in their plans, and in	12	A. Yes.		
13	their in the plan drawings, and in the	13	Q. And would you expect a		
14	operating plan, they indicate a four-to-one	14	three-to-one slope to have higher potential for		
15	final slope, correct?	15	erosion than a four-to-one slope?		
16	A. I think so, yes.	16	A. Yes. I would potentially,		
17	Q. And in the permit, you allow a	17	yeah.		
18	three-to-one final slope?	18	Q. Potentially, yes?		
19	A. As written.	19	A. Yeah, sure.		
20	Q. Okay. Are you familiar with the	20	Q. All right. So you testified		
21	Universal Soil Loss Equation?	21	earlier that the permit, Exhibit J-1, authorizes		
22	A. I am not.	22	a variance from the final slope requirement,		
23	Q. You are not? Do you know, if, in	23	which, normally is four to one, but the variance		
1		i i			

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1	allows three to one, correct?	1	A. Same answer.	
2	A. Yes, sir.	2	Q. And same question with regard to	
3	Q. Can you direct the Hearing Officer	3	Exhibit J-3, Part III.	
4	to any section or page in Exhibit J-3, Part I,	4	A. Same answer.	
5	of the operating manual that includes an	5	Q. And same question with regard to	
6	assessment with supporting factual information	6	Exhibit J-3, Part IV.	
7	of the impact that a variance from the	7	A. No, sir.	
	four-to-one slope requirement would have on		Q. I'm sorry?	
8	public health and the environment?	8	A. No, sir. I don't think I can.	
9	A. I'm not sure it's in there.	9	Q. Can you direct the Hearing Officer	
10		10	•	
11	Q. Not sure, or you don't believe it's there?	11	to any section or page in Exhibit J-3, Part I,	
12		12	that includes a clear and complete statement of	
13	A. Well, read me the question one	13	the precise extent of the relief sought,	
14	more time.	14	including specific identification of the	
15	Q. Sure. Can you direct the Hearing	15	particular provisions of the regulations from	
16	Officer to any section or page in Exhibit J-3,	16	which the variance is sought? And I'm speaking	
17	Part I, the operating manual, that includes an	17	about the slope final slope requirement.	
18	assessment with supporting factual information	18	A. I don't think there is.	
19	of the impact that the variance from the slope	19	Q. I'm sorry?	
20	requirement would have on public health and the	20	A. I don't think it's in there, or	
21	environment?	21	any of the rest of them you're fixing to call	
22	A. I can't. I don't think I can.	22	out, if you want to go through them.	
23	Q. You don't think you can? Same	23	Q. All right. So Part II, Part III,	
	Page 457		Page 459	
1		1		
1 2	question with regard to Exhibit J-3, Part II,	1 2	Page 459 and Part IV, you don't think it's in there as well?	
	question with regard to Exhibit J-3, Part II, which, I think is the soil stability analysis.		and Part IV, you don't think it's in there as well?	
2	question with regard to Exhibit J-3, Part II,	2	and Part IV, you don't think it's in there as	
2	question with regard to Exhibit J-3, Part II, which, I think is the soil stability analysis.  Again, is there an assessment with supporting	2	and Part IV, you don't think it's in there as well?  A. No, sir. And the next question	
2 3 4	question with regard to Exhibit J-3, Part II, which, I think is the soil stability analysis.  Again, is there an assessment with supporting factual information of the impact of the	2 3 4	and Part IV, you don't think it's in there as well?  A. No, sir. And the next question too.  Q. Can you direct the Hearing Officer	
2 3 4 5	question with regard to Exhibit J-3, Part II, which, I think is the soil stability analysis.  Again, is there an assessment with supporting factual information of the impact of the variance on public health and the environment?	2 3 4 5	and Part IV, you don't think it's in there as well?  A. No, sir. And the next question too.	
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2 3 4 5 6 7	question with regard to Exhibit J-3, Part II, which, I think is the soil stability analysis.  Again, is there an assessment with supporting factual information of the impact of the variance on public health and the environment?  A. Yeah, I don't think so. Not	2 3 4 5 6 7	and Part IV, you don't think it's in there as well?  A. No, sir. And the next question too.  Q. Can you direct the Hearing Officer to any place in in J-1, that's the final permit, where ADEM made an express finding that	
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1	terminate it, so I guess it implies that we're	1	A. The only Del Vecchio I see is		
2	assuming it doesn't. But other than that, I	2	David and Peggy.		
3	don't think it's in there anywhere	3	Q. David and Peggy?		
4	Q. Okay. Other than that, that's the	4	<ul><li>A. Correct.</li><li>Q. Okay. If Michael Del Vecchio is</li></ul>		
5	only paragraph you can cite?	5			
6	A. Yes, sir.	6	not on that list, is it fair to assume that you		
7	Q. Okay. Let me ask you to look at	7	didn't send him a copy of the public notice,		
8	Exhibit J-3, Part I, Appendix 4.1.	8	unless he's on this other list you talked about?		
9	A. This says J-3, Part I,	9	A. Correct.		
10	Appendix what? It's got a bunch of	10	MR. CARTER: Judge, I'm going to		
11	appendixes.	11	object to anymore I mean, if it's a		
12	Q. It's Appendix 4.1. I assume it's	12	question of notice, I think they've		
13	in Section 4, and it's Appendix 4.1.	13	filed an appeal, so I think notice is		
14	A. Okay. It's going to be back	14	irrelevant.		
15	further. Oh, Appendix 4.1. All right.	15	HEARING OFFICER: Well, he's		
16	Q. Right, there you go.	16	already answered that question, so		
17	A. I'm sorry.	17	let's ask the next one.		
18	Q. Okay. You can turn the page.	18	MR. LUDDER: That's all my		
19	A. Okay.	19	questions of this Witness.		
20	Q. Do you know what that that	20	HEARING OFFICER: Thank you. Do		
21	appendix is about?	21	your cross or go to lunch?		
22	A. It is the adjacent property owners	22	MR. CARTER: I'm not I don't		
23	to the landfill.	23	have my watch with me or anything. I		
	Page 461		Page 463		
1	-	1			
1 2	Q. And is that a list of property	1 2	don't even know what time it is.		
2	Q. And is that a list of property owners?	2	don't even know what time it is. HEARING OFFICER: It's about a		
2	Q. And is that a list of property owners?  A. It appears to be.	2	don't even know what time it is.  HEARING OFFICER: It's about a quarter until 12.		
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. And is that a list of property owners?  A. It appears to be. Q. Okay. And that's provided by the Applicant, correct? A. Correct. Q. Now, when you issued public notice for this permit modification, did the Department send a public notice to all the persons on that list?  A. We tried. I assume we did. Q. Okay. A. We made an attempt to contact each of these people on this list. Q. Okay. Would you make an attempt to contact anybody that was not on the list? A. I think we have a list here at the Department that the Department keeps of people who we notified. Q. If they specifically ask? A. If they ask for it, yes, sir.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	don't even know what time it is.  HEARING OFFICER: It's about a quarter until 12.  MR. CARTER: If it I guess it makes sense to probably if we go ahead and break and then come back a little early. That'd be fine.  HEARING OFFICER: I'm going to need to break until one o'clock. Thank you.  (A lunch recess was taken.)  HEARING OFFICER: All right. We are back on the record.  Cross-examination?  MR. CARTER: Thank you, Your Honor.  CROSS-EXAMINATION  BY MR. CARTER:  Q. Mr. Story, I'm just going to kind of pick up a little bit. If you want to, go ahead and turn back to Joint Exhibit Number 1, which is just the modified permit. Okay.		
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. And is that a list of property owners?  A. It appears to be. Q. Okay. And that's provided by the Applicant, correct? A. Correct. Q. Now, when you issued public notice for this permit modification, did the Department send a public notice to all the persons on that list?  A. We tried. I assume we did. Q. Okay. A. We made an attempt to contact each of these people on this list. Q. Okay. Would you make an attempt to contact anybody that was not on the list? A. I think we have a list here at the Department that the Department keeps of people who we notified. Q. If they specifically ask?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	don't even know what time it is.  HEARING OFFICER: It's about a quarter until 12.  MR. CARTER: If it I guess it makes sense to probably if we go ahead and break and then come back a little early. That'd be fine.  HEARING OFFICER: I'm going to need to break until one o'clock. Thank you.  (A lunch recess was taken.)  HEARING OFFICER: All right. We are back on the record.  Cross-examination?  MR. CARTER: Thank you, Your Honor.  CROSS-EXAMINATION  BY MR. CARTER:  Q. Mr. Story, I'm just going to kind of pick up a little bit. If you want to, go ahead and turn back to Joint Exhibit Number 1,		

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	Page 464		Page 466
1	A. Yes, sir.	1	A. Correct.
2	Q. And that's and that's the one	2	Q. Okay. Now, in consideration of
3	you have been testifying to today that you were	3	all those things, I just want to go back over.
4	in the process and reviewed that process,	4	Now, when you review the permit, at that point,
5	and, well okay.	5	it's still that's the proposed permit; is
6	Now, let me let me ask you. On the	6	that correct?
7	third page of it, okay, now I'm sorry the	7	A. Yes.
8	second page, second page. Okay. I believe you	8	Q. Okay. And now, you in turn, after
9	had testified earlier and you may have even	9	your review of it, you make you just make a
10	read this statement along with reviewing the	10	recommendation at that point, I guess, is
11	permit that y'all you helped you reviewed	11	what
L2	the draft of that permit; is that correct?	12	A. Is this before we send it to the
.3	A. Correct.	13	facility, or is this before it's gone to notice,
.4	Q. Okay. And in reviewing the draft	14	or, I mean, where are we in the process?
L5	of that permit, did you also use the application	15	Q. Okay. When you initially reviewed
L6	that was submitted for that permit?	16	the draft permit, which, I think Mr you
L7	A. Correct.	17	testified Mr. Kelly does a draft permit?
L8	Q. Okay. And I and forgive me if	18	A. Right, right.
L9	I don't remember correctly but earlier today	19	Q. And you receive it, and you review
20	in your testimony, I think you may have even	20	it?
21	referenced on that page to it looks like the	21	A. Correct.
22	next-to-last paragraph.	22	Q. At that point, what do you do with
23	A. Are you	23	it?
	Page 465		Page 467
1	Q. Is that	1	A. Generally, what I'd do is I
2	A. Is it in the	2	would I would look through it and, like I
3	Q. Oh, on the Final Determination.	3	said, mostly, it's a boilerplate. A lot of
4	A. Okay. Final yes, okay.	4	times, a simple renewal, really nothing changes
5	Q. So based on the statement in that,	5	in them, and so I'm looking through there to see
6	the what do you consider the permit	6	what it says. You know, I knew I know we'd
7	application?	7	gotten, like in this case, a modification
8	A. Everything we got in, in regards	8	application in to expand the facility, and so
9	to information we got in and needed to to	9	I'm looking at what all changes in the permit.
10	actually write the permit	10	So I'm going through there to verify that this
L1	Q. Okay.	11	is there, this there, that he you know, he
L2	A whether it be in the	12	got the information correct here and there. And
L3	application	13	so I'm just going through there and looking to
L4	Q. And that includes, I think, the	14	see what's different, what catches my eye, that
L5	operations manual; is that part?	15	kind of stuff. And then if I have questions,
16	A. Correct.	16	then I go ask him, or pull the application or
		1	

Q. -- part of it? And then I think

Q. And then the -- my favorite -- the

- 21 there was a Joint Exhibit Number 4 [verbatim],
- 22 which was the application from the City of

soil stability study? Is that --

A. Correct.

Dothan? 23

17

18

- then I go ask him, or pull the application or 17 the drawings.
- Q. What about -- do you consult the 18 old permit? 19
- 20 A. Oh, yeah. We'll look at the old permit and see what the old permit says. 21
- 22 Q. Okay. And so in your review of 23 this, is that when you noticed there were

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1	differences?	1	they request it, what information we need once	
2	A. Yes.	2	we find out that that they're looking to do	
3	Q. Okay. And if you would, just	3	something different.	
4	right offhand, what were the differences that	4	Q. Okay. And now let me go back just	
5	you noticed that were	5	to the permit for a second and just cover a	
6	A. It well, we had a couple of	6	little a couple things real quick. There was	
7	variances that were different. We the	7	some discussion in your testimony this morning.	
8	landfill the disposal area was different. It	8	First, I mean, does does the permit that you	
9	expanded. It had mention of a C&D area in there	9	reviewed, does it allow for the discharge of	
10	as well too. So those things were different.	10	fill materials into a wetland?	
11	Q. Okay. And now, when you you	11	A. Our permit does not.	
12	spot those, is that something so if I say in	12	Q. Okay. Does it allow for the	
13	that in the permit application, is there a	13	discharge of fill materials into intermittent	
14	specific paragraph or a section, something that	14	streams or waters of the State of Alabama?	
15	says a request for variances? Is that in there?	15	A. No. Our permit does not.	
16	A. In our permit?	16	Q. Okay. And is that process covered	
17	Q. No, in the permit application.	17	by another permit?	
18	A. No, there's not. There's not.	18	A. It is.	
19	Q. Okay. So how do you determine	19	Q. Okay. And who would that be?	
20	when there's a request for variances?	20	A. That's under the Corps and along	
21	A. Based on the information we get.	21	with our field office is the joint permit	
22	You know, a lot of times, if it's a if	22	with them.	
23	it's if we're right in the middle of a permit	23	Q. All right. If you would, can you	
25	it were right in the initiale of a permit	25	Q. 711111ght. If you would, can you	
	Page 469		Page 471	
1	cycle renewal cycle, and somebody	1	identify a document that's marked as Respondent	
2	would likes one, they you know, they send	2	Number 1?	
3	in a request to us. A lot of times, it will be	3	A. This is the Corps permit.	
4	a letter form like that. Or they'll give us a	4	Q. Okay. And you received that	
5	call, and we'll say, Hey, send us an e-mail,	5	permit from well, who did you receive that	
6	something describing what you're doing, why, and	6	permit from?	
7	all that kind of stuff.	7	A. It actually it was let me	
8	In this case, it was part of the	8	see. It was from CDG Engineering. Actually,	
9	modification it was mentioned in the	9	it's got the cover letter, but the permit itself	
10	application in the in the drawings,	10	came from the Department of the Army, to Ernest	
11	in the operation plan, all that kind of stuff.	11	Stokes.	
12	And so that's where that's how we knew that	12	Q. Okay. But that was a copy you had	
13	that was something they were wanting to do this	13	requested and they had sent to you; is that	
14	time.	14	correct?	
15	Q. Okay.	15	A. Correct.	
16	A. It's different every time.	16	Q. Now, so that, the permit you have	
17	There's different ways we can do it.	17	right there, that is what controls those two	
18	Q. How the City files a permit a	18	issues I asked you about before, about the	
1	madification annlication thanks no contain	1	resettands and the streams and the resetance of the	

a variance?

19

20

21

22

23

modification application, there's no certain

form or anything for -- that you would file for

A. No, we don't have a form for a

variance. No. We -- it's -- it's how

19

20

21

22

wetlands, and the streams, and the waters of the

Q. So now -- okay. I'll ask

for -- just to clarify a little bit.

State; is that correct?

A. Correct.

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Pag	ie	47	72

- 1 There, y'all talked -- Mr. Ludder asked you
- 2 quite a bit about alternative daily cover.
- 3 Does the permit that you reviewed, does it
- 4 allow for the use of alternative daily cover?
  - A. No. No, it does not.
    - Q. Okay. Did the facility request
- 7 that?

5

6

9

- 8 A. They did not request.
  - Q. So what would happen if they -- I
- 10 mean, if they did? I mean, how would that
- 11 process work?
- A. We would do it like any other one.
- 13 We would get the information in, and we
- 14 would -- excuse me -- we would review it, see if
- we needed any other additional information, and
- 16 then we would process it as a -- as a variance
- in the Department.
- Q. Very similar to the same say we
- 19 did the variances on this permit; is that
- 20 correct?
- A. Except for the other ones that
- 22 came in with the application. This one would be
- 23 something different.

- 1 was a rule about construction and demolition --
- A. Right.

3

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14

- Q. -- landfills; is that right?
- A. That's correct.
- 5 Q. Okay. Now, referring to the
- 6 permit in this -- in this particular situation,
- 7 35-06, what kind of permit is it?
  - A. It's that MSW permit.
    - Q. Okay. And but -- but they
- 10 also have -- but they also have a C&D cell; is
- 11 that correct?
  - A. Well, we have plans for it, yes.
- Q. Well, right. And according to the
- 14 plans and the information given to you, if it's
- a municipal solid waste landfill, what would be
- an additional cell? I mean, an additional face,
- 17 excuse me. I'm sorry.
  - A. They could have an -- I guess, two
- 19 ways. They could have an additional MSW face
- 20 somewhere, or they could have, in this case, a
- 21 C&D cell somewhere else.
- Q. So as a municipal solid waste
- 23 landfill, they already have -- we know they have

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Page 475

- 1 Q. But they -- basically, they would
- 2 have to -- the request would be made,
- 3 information would be provided to the Department,
- 4 and then, ultimately, the Department would make
- 5 a decision?

- 6 A. Correct. And if we agreed with
- 7 it, we'd put it in the permit.
  - Q. Okay. Now, specifically, the
- two -- the two variances which were discussed
- 10 and issued -- and granted in the modified
- 11 permit, the two working faces -- I'm trying to
- 12 think where is -- oh, it's going to be -- on the
- 13 permit, on the modified permit --
- 14 A. Okay.
- Q. -- where it talks about -- let me
- see. Oh, okay. Well, no. Okay. That's it
- 17 okay. I'm sorry about that. Okay. Section X
- 18 of the variance -- the variances.
- 19 A. Okay.
- Q. All right. There was some
- 21 discussion you had with Mr. Ludder, some
- questions, about it references the -- the ADEM
- rule, and I think you replied to him that that

- 1 a municipal solid waste cell?
  - A. Correct.
  - Q. So that one is a given. And then
- 4 are you saying that the C&D cell would be the
- 5 second?
  - A. The second, yes.
- 7 Q. Okay. And I think you've also
- 8 explained, you know, when we got into the regs
- 9 about the smallest face as possible, small an
- area as possible, and you -- once again, you
- said that's defined how?
- A. By their ability to manage the
- site according to the permit.
  - Q. Okay.
- A. You know, making sure they compact
- it and cover it every day and that kind of
- 17 stuff. Or as required by the permit.
- Q. And from what you reviewed in the
- 19 application and everything, and the permit as
- 20 well, did you have any disagreement with that
- 21 particular variance?
- A. No. We wouldn't have granted the
- variance if we had a disagreement.

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1	Q. Okay. The slope stability study	1	reviewed by the land section I mean, by your
2	as well, is that what is what is that	2	section, not the Land Division.
3	included in the application for?	3	A. We would have reviewed that, yes.
4	A. They would include that if they're	4	Q. And now as for and when you
5	requesting something other than four-to-one	5	review this, does that kind of does that give
6	slopes, something steeper than four-to-one	6	you notice, at that point, that there are other
7	slopes.	7	divisions may be involved?
8	Q. Okay. Because now is that I	8	A. Correct.
9	think also there was some question about erosion	9	Q. Okay. And at that point, I think
10	and things like that. Would information	10	he had asked you, do you reach out to those
11	contained in the slope stability study address	11	divisions and consult with them over this
12	erosion, or is that just toward the slope?	12	particular permit?
13	A. Well, it definitely would do the	13	A. Yes.
14	slope, but it probably has in there, as well,	14	Q. Okay. And I think you had
15	about the erosion of the slope. I imagine it	15	referred had testified earlier that you
16	would.	16	didn't receive y'all had done that, but
17	Q. Okay. What about in the operation	17	didn't receive a response?
18	plan? Is there is there a section in the	18	A. Say that one more time.
19	operation plan that discusses stormwater	19	Q. That y'all had, like, talked with
20	runoff, for example?	20	the other division but didn't receive a response
21	A. Yes, there is.	21	as it pertained to the NPDES permit, I believe.
22	Q. Okay. And I think I have that	22	MR. LUDDER: I'll object. He
23	marked.	23	didn't testify to that. That was the
	Page 477		Page 479
1	MR. DAVIS: Yeah, it's way back	1	previous witness.
2	here, somewhere.	2	THE WITNESS: I don't think I said
3	MR. CARTER: I think it's 5.	3	that.
4	MR. DAVIS: I think you're right.	4	MR. CARTER: Okay. I'm sorry.
5	MR. CARTER: Yeah, if	5	I'll withdraw the question. I may be
6	MR. DAVIS: Here you go.	6	thinking further back. But okay.
7	MR. CARTER: Man, those books.	7	BY MR. CARTER:
8	BY MR. CARTER:	8	Q. But those sections are present in
9	Q. Okay. If you can, it's part of	9	the operations manual?
10	the operation manual, Section 5.6 well,	10	A. Correct.
11	excuse me, 5.4 and 5.6. They're on the same	11	Q. And now one thing I wanted to
12	page, but if you can locate that.	12	clarify, I guess, when we get this, it's titled,
13	A. All right. I've got 5.4 and 5.6.	13	The Operations Manual, but at the time we
14	Q. Okay. You have got those? And	14	receive this, is there an operational landfill?
15	what are those particular sections?	15	A. There is an operational landfill,
16	A. They are Stormwater Runoff Control	16	yes. Well, I mean, say that one more time. Is
17	and NPDES Stormwater Permit. It's part of the	17	there an operation for the modification
18	Water Management Section.	18	Q. Well, let me rephrase it, yeah.
19	Q. All right. Now,	19	A or just in general?
20	necessarily and I think you testified a	20	Q. When we receive this operations
21	little to it earlier. Mr. Ludder had asked you	21	manual, at that time, is this the requirements
22	about are those sections right there	22	that the proposals in this manual part of an
23	particularly something that would have been	23	operational landfill?
1		1	

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1	A. There was there is still an	1	you; is that right?
2	operational phase going on there. I mean, it's	2	A. Correct.
3	the operational plan for the whole landfill, I	3	Q. Okay. I think okay. Still on
4	believe. I don't think it's just for the	4	the variances real quick, specific two working
5	modification. But there is not anything going	5	faces, I think and you have may have
	on operations going in the in the modified	6	mentioned earlier, is that a common practice?
6	expansion area.	7	A. Two working faces? It's fairly
7	•		common, that we've got we've got a number of
8	Q. Okay. So but when that	8	
9	modified expansion area would become	9	them around the state I'll put it that
10	operational, then the the terms of the permit would kick in?	10	way that have two working faces. Some one
11		11	of them has three working faces.
12	A. Correct.	12	Q. Okay. And so and then so
13	Q. And then that's when the guidance	13	this isn't some unique request that the City has
14	from the application and everything would kick	14	made?
15	in as well; is that right?	15	A. No.
16	A. Correct.	16	Q. Okay. And now what about the
17	Q. Okay. Now, going along with the	17	three-to-one slope? Is that the final slope?
18	operations manual, the slope stability study,	18	A. Yeah, that's even more common than
19	and now because, I mean, how many pages would	19	the two working faces.
20	you think make up the application? Just a	20	Q. Okay. So, I mean, just if you
21	guess? I mean, I'm not asking for an exact	21	could guess, how many I mean, out of
22	number or anything.	22	A. Well, I think about over half
23	A. 500, 700, 800, something like	23	the facilities in the state have a variance of
	Page 481		Page 483
1		1	
1	that, in this case. It's not always like that.	1	some sort. I think there's 30 to 40 that have
2	that, in this case. It's not always like that.  Q. Okay. So now with each section of	2	some sort. I think there's 30 to 40 that have three-to working faces, and I think somewhere
2	that, in this case. It's not always like that.  Q. Okay. So now with each section of those, I think there's with the operations	2	some sort. I think there's 30 to 40 that have three-to working faces, and I think somewhere around 12 to 15 or so that have the two working
2 3 4	that, in this case. It's not always like that.  Q. Okay. So now with each section of those, I think there's with the operations manual, with the slope stability study, are	2 3 4	some sort. I think there's 30 to 40 that have three-to working faces, and I think somewhere around 12 to 15 or so that have the two working faces. The it would be most likely be an MSW
2 3 4 5	that, in this case. It's not always like that.  Q. Okay. So now with each section of those, I think there's with the operations manual, with the slope stability study, are there certifications on those?	2 3 4 5	some sort. I think there's 30 to 40 that have three-to working faces, and I think somewhere around 12 to 15 or so that have the two working faces. The it would be most likely be an MSW landfill with a C&D, and there's only 30 in the
2 3 4 5 6	that, in this case. It's not always like that.  Q. Okay. So now with each section of those, I think there's with the operations manual, with the slope stability study, are there certifications on those?  A. Yes.	2 3 4 5	some sort. I think there's 30 to 40 that have three-to working faces, and I think somewhere around 12 to 15 or so that have the two working faces. The it would be most likely be an MSW landfill with a C&D, and there's only 30 in the state to start with, so about half the MSW
2 3 4 5 6 7	that, in this case. It's not always like that.  Q. Okay. So now with each section of those, I think there's with the operations manual, with the slope stability study, are there certifications on those?  A. Yes.  Q. And what type of certifications	2 3 4 5 6 7	some sort. I think there's 30 to 40 that have three-to working faces, and I think somewhere around 12 to 15 or so that have the two working faces. The it would be most likely be an MSW landfill with a C&D, and there's only 30 in the state to start with, so about half the MSW facilities have
2 3 4 5 6 7 8	that, in this case. It's not always like that.  Q. Okay. So now with each section of those, I think there's with the operations manual, with the slope stability study, are there certifications on those?  A. Yes.  Q. And what type of certifications are those?	2 3 4 5 6 7 8	some sort. I think there's 30 to 40 that have three-to working faces, and I think somewhere around 12 to 15 or so that have the two working faces. The it would be most likely be an MSW landfill with a C&D, and there's only 30 in the state to start with, so about half the MSW facilities have  Q. All right. So this isn't the
2 3 4 5 6 7 8 9	that, in this case. It's not always like that.  Q. Okay. So now with each section of those, I think there's with the operations manual, with the slope stability study, are there certifications on those?  A. Yes.  Q. And what type of certifications are those?  A. PE stamps.	2 3 4 5 6 7 8	some sort. I think there's 30 to 40 that have three-to working faces, and I think somewhere around 12 to 15 or so that have the two working faces. The it would be most likely be an MSW landfill with a C&D, and there's only 30 in the state to start with, so about half the MSW facilities have  Q. All right. So this isn't the first time y'all had seen that either?
2 3 4 5 6 7 8 9	that, in this case. It's not always like that.  Q. Okay. So now with each section of those, I think there's with the operations manual, with the slope stability study, are there certifications on those?  A. Yes.  Q. And what type of certifications are those?  A. PE stamps.  Q. Okay. And what's I mean,	2 3 4 5 6 7 8 9	some sort. I think there's 30 to 40 that have three-to working faces, and I think somewhere around 12 to 15 or so that have the two working faces. The it would be most likely be an MSW landfill with a C&D, and there's only 30 in the state to start with, so about half the MSW facilities have  Q. All right. So this isn't the first time y'all had seen that either?  A. Correct. No.
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2 3 4 5 6 7 8 9 10 11	that, in this case. It's not always like that.  Q. Okay. So now with each section of those, I think there's with the operations manual, with the slope stability study, are there certifications on those?  A. Yes.  Q. And what type of certifications are those?  A. PE stamps.  Q. Okay. And what's I mean, what's that do? I mean, when you see it, what does that mean to you?	2 3 4 5 6 7 8 9 10 11	some sort. I think there's 30 to 40 that have three-to working faces, and I think somewhere around 12 to 15 or so that have the two working faces. The it would be most likely be an MSW landfill with a C&D, and there's only 30 in the state to start with, so about half the MSW facilities have  Q. All right. So this isn't the first time y'all had seen that either?  A. Correct. No.  Q. Okay. I know you'd answered some questions earlier from Mr. Ludder where you had
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2 3 4 5 6 7 8 9 10 11	that, in this case. It's not always like that.  Q. Okay. So now with each section of those, I think there's with the operations manual, with the slope stability study, are there certifications on those?  A. Yes.  Q. And what type of certifications are those?  A. PE stamps.  Q. Okay. And what's I mean, what's that do? I mean, when you see it, what does that mean to you?  A. It means somebody that knows a lot more about this has put their name on the line,	2 3 4 5 6 7 8 9 10 11 12 13	some sort. I think there's 30 to 40 that have three-to working faces, and I think somewhere around 12 to 15 or so that have the two working faces. The it would be most likely be an MSW landfill with a C&D, and there's only 30 in the state to start with, so about half the MSW facilities have  Q. All right. So this isn't the first time y'all had seen that either?  A. Correct. No.  Q. Okay. I know you'd answered some questions earlier from Mr. Ludder where you had gone down kind of a list here, as it appears in 35-13-802 [verbatim], okay?
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	Page 484		Page 486
1	Q. Yeah.	1	the public health and the environment in the
2	A. All right. Chapter 8 is	2	affected areas. Is that is it possible to
3	Procedures for Variances.	3	point out a specific place in the permit
4	335-13-801, Variances.	4	application?
5	The Department may grant individual	5	MR. LUDDER: Your Honor can I
6	variances from the specific divisions of	6	get a clarification of which variance
7	Division 13 based upon the procedures of	7	you're talking about? Or both?
8	335-13-802 through 335-13-805 whenever it is	8	MR. CARTER: I mean both. I mean,
9	found by the Department, upon presentation of	9	your question it was the same set
10	adequate proof, that non-compliance with	10	of questions on both variances.
11	Division 13 will not threaten the public health	11	MR. LUDDER: But are you
12	or unreasonably create environmental pollution.	12	talking are you questioning him
13	Q. And based on your review of the	13	about both variances?
14	information contained in the permit application	14	MR. CARTER: Right, about both
15	and the draft permit as prepared by Mr. Kelly,	15	variances in this situation.
16	did you believe there was adequate proof that	16	A. It is possible, but in this case
17	noncompliance with Division 13 wouldn't threaten	17	though, it's not necessary, because like I said,
18	public health or unreasonably create	18	it's in there.
19	environmental pollution?	19	Q. Okay. And then I think the other
20	A. Yes, we were.	20	one was you were asked to point out a concise
21	Q. Okay. You were asked earlier on	21	factual statement of the reasons the Petitioner
22	several of these under Section 2 of the	22	believes that noncompliance with the I mean,
23	35 of 335-13-802, which is titled, Petition	23	with the the City believes that the
	D 405		Day: 407
	Page 485		Page 487
1	for Variance	1	noncompliance with the particular provisions of
2	A. Yes, sir.	2	Division 13 will not threaten the public health
3	Q under those, you were asked a	3	or unreasonably create environmental pollution.
4	couple of times about whether you could	4	And are you able to do that?
5	personally point to a somewhere in the	5	A. It you can, at times. In this
6	application that would show a clear and complete	6	case, like I said, it's not necessary, and, you
7	statement of the precise extent of the relief	7	know, I'd argue that you're not really required
8	sought, including specific identification of the	8	to.
9	particular provisions of the regulations from	9	Q. Okay. Just to make sure I'm
10	which the variances are sought.	10	understanding you right, you're basically saying
11	Now, is it possible to point to a specific	11	that the application is taken as a whole? It's
12	place?	12	not your determination and your review of
13	A. It not in this case, no.	13	whether the variances you would recommend the
14	Q. And why would that be?	14	variances would be based on what you read in the
15	A. They've kind of because they	15	entire application?
16	requested it as part of the whole modification,	16	A. Correct.
17	it's just kind of in there in different places	17	Q. Okay. And the reason I keep I
18	when they were discussing it. It wasn't a	18	asked you now you said you testified you reviewed this permit; is that right?
19	separate request.  Q. Okay. And you were and you	19	A. Correct.
20	were asked if you could point out a specific	20	Q. Okay. Who has the final say
21	assessment with supporting factual information	21	on on issuance of a land permit?
22	assessment with supporting factual information	22	on on issuance of a failu permit!

23 that the impact -- the variance would pose on

23

A. The Chief of the Land Division.

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	Page 488		Page 490
1	Q. Okay. And who would that be?	1	part of the application?
2	A. Phil Davis, sitting	2	A. Yes. He did not mention that when
3	beside beside you, I guess, if that's the	3	he was asking me. You're right.
4	correct way to do it.	4	MR. WHITE: Okay. That's all.
5	Q. Okay. And you forward your	5	HEARING OFFICER: That's all?
6	recommendations onto	6	MR. WHITE: Yes, sir.
7	A. Correct.	7	HEARING OFFICER: Okay. And that
8	Q. Okay.	8	was Petitioners' Exhibit 5?
9	MR. CARTER: Nothing further right	9	MR. LUDDER: 5, correct.
10	now, Your Honor.	10	HEARING OFFICER: Thank you.
11	HEARING OFFICER: Mr. White?	11	Redirect?
12	CROSS-EXAMINATION	12	MR. LUDDER: Yes, Your Honor.
13	BY MR. WHITE:	13	REDIRECT EXAMINATION
14	Q. Mr. Story, just real quick.	14	BY MR. LUDDER
15	A. Sure.	15	Q. Now, you just agreed that you had
16	Q. Mr. Carter asked you some	16	seen Respondent's Exhibit R-1 for
17	questions about what constitutes the application	17	identification. Can you tell from this exhibit
18	for the permit modification that was submitted	18	what the date was that the Corps of Engineers
19	by the City of Dothan, and you mentioned the	19	issued a discharge of fill permit?
20	operations manual, the stability study, the	20	A. The date on this is November 9th,
21	three-page application form. And if you would,	21	'15, on this document.
22	please, turn to 335-13-5.	22	HEARING OFFICER: What was that? I
23	A. I'm not sure I've got 5 up here.	23	didn't hear you.
	Page 489		Page 491
			3
1	5 was the one we didn't have a while ago	1	
1 2	5 was the one we didn't have a while ago.  O. Okay.	1 2	THE WITNESS: I'm sorry. I don't
2	Q. Okay.	1 2 3	THE WITNESS: I'm sorry. I don't have my water anymore. November 9th
	<ul><li>Q. Okay.</li><li>A. I think you read it well, we</li></ul>	2	THE WITNESS: I'm sorry. I don't
2	Q. Okay.	2	THE WITNESS: I'm sorry. I don't have my water anymore. November 9th of 2015 was the date on this document. BY MR. LUDDER:
2 3 4	Q. Okay. A. I think you read it well, we started reading it last time. We didn't I don't have 5.	2 3 4	THE WITNESS: I'm sorry. I don't have my water anymore. November 9th of 2015 was the date on this document.  BY MR. LUDDER:  Q. Somebody need to get you some
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2 3 4 5 6	Q. Okay. A. I think you read it well, we started reading it last time. We didn't I don't have 5.	2 3 4 5 6	THE WITNESS: I'm sorry. I don't have my water anymore. November 9th of 2015 was the date on this document.  BY MR. LUDDER:  Q. Somebody need to get you some
2 3 4 5 6 7	Q. Okay. A. I think you read it well, we started reading it last time. We didn't I don't have 5. Q. Okay. Well, let me just ask you without introducing it. We sent it to	2 3 4 5 6 7	THE WITNESS: I'm sorry. I don't have my water anymore. November 9th of 2015 was the date on this document.  BY MR. LUDDER: Q. Somebody need to get you some water? A. I'll try to do better.
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. Okay. A. I think you read it well, we started reading it last time. We didn't I don't have 5. Q. Okay. Well, let me just ask you without introducing it. We sent it to regulations for the permit application requirements. Are the facility design plans included in the permit application requirements? A. Yes, they are. Q. Okay. And are those on the table in front of you? A. Yes well, there's a set of plans that are for that. Q. Okay. Would you look at them and see if that was part those that you reviewed as part of this A. Yes. Q. Those are? A. Yes.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	THE WITNESS: I'm sorry. I don't have my water anymore. November 9th of 2015 was the date on this document.  BY MR. LUDDER: Q. Somebody need to get you some water? A. I'll try to do better. Q. Okay. November 9th, 2015, and on the second page of Exhibit R-1 for identification, there is a letter, apparently from City of Dothan. Do you see that? A. I do. Q. What's the date of that? A. November 12th, 2015. Q. So that's after the permit was issued, correct? A. That was after this permit? Q. After the Corps of Engineers' permit was issued, correct? A. Yes, sir. Q. So do you think that letter

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	Page 492		Page 494
1	A. It is information that we	1	Corps and our field office? Is that what is
2	would we would use as part of it's a box	2	that Number 9? If it is if it is, I've seen
3	that we check to make sure it got done, let me	3	it.
4	put it that way. I think at the end of the day,	4	MR. SASSER: Just let him show it
5	in our the final operating record, it would	5	to you.
6	be part of that, sure.	6	Q. You have seen it?
7	Q. Respondent's Exhibit Number 1, was	7	A. Well, if you're going to
8	that provided to the Department by the City, or	8	Q. Yeah.
9	the Corps of Engineers?	9	A. It's the Joint Public Notice from
10	A. This one right here?	10	the Corps and ADEM on proposed discharge of fill
11	Q. Yes.	11	materials into waters of the US.
12	A. I'm guessing they sent this is	12	Q. And have you seen that before?
13	what was sent to us from the City of Dothan. Am	13	A. I believe I have seen that before.
14	I	14	Q. Was that that was after the
15	Q. Well, is the Exhibit R-1, was that	15	permit the solid waste permit application was
16	sent to ADEM by the City of Dothan, or the Corps	16	submitted to ADEM, correct?
17	of Engineers?	17	A. Correct, yes.
18	A. It unless I'm just	18	Q. All right. What would have been
19	misunderstanding your question, it appears that	19	the occasion that you saw this then, if it was
20	the City of Dothan sent it to us.	20	after the the permit application was
21	Q. Okay, okay. And does that explain	21	submitted?
22	the letter on Page 2 of that exhibit?	22	A. Whenever the City would get
23	A. Correct.	23	information that was part of that, they would
	12. 0000		mornianon unio was part of that, they wear
	Page 493		Dogg 405
	Ç		Page 495
1	Q. Okay. So that letter is not part	1	forward it to us. So, again, that's a box we
1 2		1 2	
	Q. Okay. So that letter is not part		forward it to us. So, again, that's a box we
2	Q. Okay. So that letter is not part of the permit, but it is part of your files? Is	2	forward it to us. So, again, that's a box we got to check. You know, whenever not
2	Q. Okay. So that letter is not part of the permit, but it is part of your files? Is that what you're saying?	2	forward it to us. So, again, that's a box we got to check. You know, whenever not everything there's stuff that runs concurrent
2 3 4	Q. Okay. So that letter is not part of the permit, but it is part of your files? Is that what you're saying?  A. Well, you know	2 3 4	forward it to us. So, again, that's a box we got to check. You know, whenever not everything there's stuff that runs concurrent with us going through this process. Some of it
2 3 4 5	Q. Okay. So that letter is not part of the permit, but it is part of your files? Is that what you're saying?  A. Well, you know Q. I'm sorry. Not part of the Corps	2 3 4 5	forward it to us. So, again, that's a box we got to check. You know, whenever not everything there's stuff that runs concurrent with us going through this process. Some of it is Fish and Wildlife stuff, some of it is Corps
2 3 4 5 6	Q. Okay. So that letter is not part of the permit, but it is part of your files? Is that what you're saying?  A. Well, you know Q. I'm sorry. Not part of the Corps of Engineers' permit, but part of ADEM's files?	2 3 4 5 6	forward it to us. So, again, that's a box we got to check. You know, whenever not everything there's stuff that runs concurrent with us going through this process. Some of it is Fish and Wildlife stuff, some of it is Corps stuff. And this is as we're running through
2 3 4 5 6 7	Q. Okay. So that letter is not part of the permit, but it is part of your files? Is that what you're saying?  A. Well, you know Q. I'm sorry. Not part of the Corps of Engineers' permit, but part of ADEM's files?  A. It ends up in our files, correct.	2 3 4 5 6 7	forward it to us. So, again, that's a box we got to check. You know, whenever not everything there's stuff that runs concurrent with us going through this process. Some of it is Fish and Wildlife stuff, some of it is Corps stuff. And this is as we're running through the process, there are parallel tracks moving
2 3 4 5 6 7 8	Q. Okay. So that letter is not part of the permit, but it is part of your files? Is that what you're saying?  A. Well, you know Q. I'm sorry. Not part of the Corps of Engineers' permit, but part of ADEM's files?  A. It ends up in our files, correct. Q. Do you know that to be part of the	2 3 4 5 6 7 8	forward it to us. So, again, that's a box we got to check. You know, whenever not everything there's stuff that runs concurrent with us going through this process. Some of it is Fish and Wildlife stuff, some of it is Corps stuff. And this is as we're running through the process, there are parallel tracks moving through.
2 3 4 5 6 7 8 9	Q. Okay. So that letter is not part of the permit, but it is part of your files? Is that what you're saying?  A. Well, you know Q. I'm sorry. Not part of the Corps of Engineers' permit, but part of ADEM's files?  A. It ends up in our files, correct. Q. Do you know that to be part of the Corps permit? That letter?	2 3 4 5 6 7 8 9	forward it to us. So, again, that's a box we got to check. You know, whenever not everything there's stuff that runs concurrent with us going through this process. Some of it is Fish and Wildlife stuff, some of it is Corps stuff. And this is as we're running through the process, there are parallel tracks moving through.  Q. Okay. And would that have been
2 3 4 5 6 7 8 9	Q. Okay. So that letter is not part of the permit, but it is part of your files? Is that what you're saying?  A. Well, you know Q. I'm sorry. Not part of the Corps of Engineers' permit, but part of ADEM's files?  A. It ends up in our files, correct. Q. Do you know that to be part of the Corps permit? That letter?  A. Is this letter part of the Corps	2 3 4 5 6 7 8 9	forward it to us. So, again, that's a box we got to check. You know, whenever not everything there's stuff that runs concurrent with us going through this process. Some of it is Fish and Wildlife stuff, some of it is Corps stuff. And this is as we're running through the process, there are parallel tracks moving through.  Q. Okay. And would that have been received by ADEM before issuance of the final
2 3 4 5 6 7 8 9 10	Q. Okay. So that letter is not part of the permit, but it is part of your files? Is that what you're saying?  A. Well, you know Q. I'm sorry. Not part of the Corps of Engineers' permit, but part of ADEM's files? A. It ends up in our files, correct. Q. Do you know that to be part of the Corps permit? That letter? A. Is this letter part of the Corps permit? I do not know that.	2 3 4 5 6 7 8 9 10	forward it to us. So, again, that's a box we got to check. You know, whenever not everything there's stuff that runs concurrent with us going through this process. Some of it is Fish and Wildlife stuff, some of it is Corps stuff. And this is as we're running through the process, there are parallel tracks moving through.  Q. Okay. And would that have been received by ADEM before issuance of the final solid waste landfill permit?
2 3 4 5 6 7 8 9 10 11	Q. Okay. So that letter is not part of the permit, but it is part of your files? Is that what you're saying?  A. Well, you know Q. I'm sorry. Not part of the Corps of Engineers' permit, but part of ADEM's files?  A. It ends up in our files, correct. Q. Do you know that to be part of the Corps permit? That letter?  A. Is this letter part of the Corps permit? I do not know that. Q. Okay.	2 3 4 5 6 7 8 9 10 11	forward it to us. So, again, that's a box we got to check. You know, whenever not everything there's stuff that runs concurrent with us going through this process. Some of it is Fish and Wildlife stuff, some of it is Corps stuff. And this is as we're running through the process, there are parallel tracks moving through.  Q. Okay. And would that have been received by ADEM before issuance of the final solid waste landfill permit?  A. Say that one more time.
2 3 4 5 6 7 8 9 10 11 12 13	Q. Okay. So that letter is not part of the permit, but it is part of your files? Is that what you're saying?  A. Well, you know Q. I'm sorry. Not part of the Corps of Engineers' permit, but part of ADEM's files?  A. It ends up in our files, correct. Q. Do you know that to be part of the Corps permit? That letter?  A. Is this letter part of the Corps permit? I do not know that. Q. Okay. A. You know, there's other people	2 3 4 5 6 7 8 9 10 11 12 13	forward it to us. So, again, that's a box we got to check. You know, whenever not everything there's stuff that runs concurrent with us going through this process. Some of it is Fish and Wildlife stuff, some of it is Corps stuff. And this is as we're running through the process, there are parallel tracks moving through.  Q. Okay. And would that have been received by ADEM before issuance of the final solid waste landfill permit?  A. Say that one more time.  Q. Would Exhibit J-9, would it have
2 3 4 5 6 7 8 9 10 11 12 13	Q. Okay. So that letter is not part of the permit, but it is part of your files? Is that what you're saying?  A. Well, you know Q. I'm sorry. Not part of the Corps of Engineers' permit, but part of ADEM's files?  A. It ends up in our files, correct. Q. Do you know that to be part of the Corps permit? That letter?  A. Is this letter part of the Corps permit? I do not know that. Q. Okay. A. You know, there's other people that know more about the Corps permit than I do.	2 3 4 5 6 7 8 9 10 11 12 13	forward it to us. So, again, that's a box we got to check. You know, whenever not everything there's stuff that runs concurrent with us going through this process. Some of it is Fish and Wildlife stuff, some of it is Corps stuff. And this is as we're running through the process, there are parallel tracks moving through.  Q. Okay. And would that have been received by ADEM before issuance of the final solid waste landfill permit?  A. Say that one more time.  Q. Would Exhibit J-9, would it have been received by ADEM before issuance of the
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. Okay. So that letter is not part of the permit, but it is part of your files? Is that what you're saying?  A. Well, you know Q. I'm sorry. Not part of the Corps of Engineers' permit, but part of ADEM's files?  A. It ends up in our files, correct. Q. Do you know that to be part of the Corps permit? That letter?  A. Is this letter part of the Corps permit? I do not know that. Q. Okay. A. You know, there's other people that know more about the Corps permit than I do. Q. Who would that be? A. The people that work for the Corps	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	forward it to us. So, again, that's a box we got to check. You know, whenever not everything there's stuff that runs concurrent with us going through this process. Some of it is Fish and Wildlife stuff, some of it is Corps stuff. And this is as we're running through the process, there are parallel tracks moving through.  Q. Okay. And would that have been received by ADEM before issuance of the final solid waste landfill permit?  A. Say that one more time.  Q. Would Exhibit J-9, would it have been received by ADEM before issuance of the final solid waste permit, J-1?  A. It was, if that's what you're
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. Okay. So that letter is not part of the permit, but it is part of your files? Is that what you're saying?  A. Well, you know Q. I'm sorry. Not part of the Corps of Engineers' permit, but part of ADEM's files?  A. It ends up in our files, correct. Q. Do you know that to be part of the Corps permit? That letter?  A. Is this letter part of the Corps permit? I do not know that. Q. Okay. A. You know, there's other people that know more about the Corps permit than I do. Q. Who would that be? A. The people that work for the Corps in the field office, probably.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	forward it to us. So, again, that's a box we got to check. You know, whenever not everything there's stuff that runs concurrent with us going through this process. Some of it is Fish and Wildlife stuff, some of it is Corps stuff. And this is as we're running through the process, there are parallel tracks moving through.  Q. Okay. And would that have been received by ADEM before issuance of the final solid waste landfill permit?  A. Say that one more time.  Q. Would Exhibit J-9, would it have been received by ADEM before issuance of the final solid waste permit, J-1?  A. It was, if that's what you're asking. Or does it have to be?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. Okay. So that letter is not part of the permit, but it is part of your files? Is that what you're saying?  A. Well, you know Q. I'm sorry. Not part of the Corps of Engineers' permit, but part of ADEM's files?  A. It ends up in our files, correct. Q. Do you know that to be part of the Corps permit? That letter?  A. Is this letter part of the Corps permit? I do not know that. Q. Okay. A. You know, there's other people that know more about the Corps permit than I do. Q. Who would that be? A. The people that work for the Corps in the field office, probably. Q. The field office?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	forward it to us. So, again, that's a box we got to check. You know, whenever not everything there's stuff that runs concurrent with us going through this process. Some of it is Fish and Wildlife stuff, some of it is Corps stuff. And this is as we're running through the process, there are parallel tracks moving through.  Q. Okay. And would that have been received by ADEM before issuance of the final solid waste landfill permit?  A. Say that one more time.  Q. Would Exhibit J-9, would it have been received by ADEM before issuance of the final solid waste permit, J-1?  A. It was, if that's what you're asking. Or does it have to be?  Q. I'm sorry. Yeah, it was
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. Okay. So that letter is not part of the permit, but it is part of your files? Is that what you're saying?  A. Well, you know Q. I'm sorry. Not part of the Corps of Engineers' permit, but part of ADEM's files?  A. It ends up in our files, correct. Q. Do you know that to be part of the Corps permit? That letter?  A. Is this letter part of the Corps permit? I do not know that. Q. Okay. A. You know, there's other people that know more about the Corps permit than I do. Q. Who would that be? A. The people that work for the Corps in the field office, probably. Q. The field office? A. Yeah.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	forward it to us. So, again, that's a box we got to check. You know, whenever not everything there's stuff that runs concurrent with us going through this process. Some of it is Fish and Wildlife stuff, some of it is Corps stuff. And this is as we're running through the process, there are parallel tracks moving through.  Q. Okay. And would that have been received by ADEM before issuance of the final solid waste landfill permit?  A. Say that one more time.  Q. Would Exhibit J-9, would it have been received by ADEM before issuance of the final solid waste permit, J-1?  A. It was, if that's what you're asking. Or does it have to be?  Q. I'm sorry. Yeah, it was  A. Yes.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. Okay. So that letter is not part of the permit, but it is part of your files? Is that what you're saying?  A. Well, you know Q. I'm sorry. Not part of the Corps of Engineers' permit, but part of ADEM's files?  A. It ends up in our files, correct. Q. Do you know that to be part of the Corps permit? That letter?  A. Is this letter part of the Corps permit? I do not know that. Q. Okay. A. You know, there's other people that know more about the Corps permit than I do. Q. Who would that be? A. The people that work for the Corps in the field office, probably. Q. The field office? A. Yeah. Q. Okay. Did you have a chance to	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	forward it to us. So, again, that's a box we got to check. You know, whenever not everything there's stuff that runs concurrent with us going through this process. Some of it is Fish and Wildlife stuff, some of it is Corps stuff. And this is as we're running through the process, there are parallel tracks moving through.  Q. Okay. And would that have been received by ADEM before issuance of the final solid waste landfill permit?  A. Say that one more time.  Q. Would Exhibit J-9, would it have been received by ADEM before issuance of the final solid waste permit, J-1?  A. It was, if that's what you're asking. Or does it have to be?  Q. I'm sorry. Yeah, it was A. Yes.  Q received before?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. Okay. So that letter is not part of the permit, but it is part of your files? Is that what you're saying?  A. Well, you know Q. I'm sorry. Not part of the Corps of Engineers' permit, but part of ADEM's files?  A. It ends up in our files, correct. Q. Do you know that to be part of the Corps permit? That letter?  A. Is this letter part of the Corps permit? I do not know that. Q. Okay. A. You know, there's other people that know more about the Corps permit than I do. Q. Who would that be? A. The people that work for the Corps in the field office, probably. Q. The field office? A. Yeah. Q. Okay. Did you have a chance to review what has been marked as Exhibit J-9,	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	forward it to us. So, again, that's a box we got to check. You know, whenever not everything there's stuff that runs concurrent with us going through this process. Some of it is Fish and Wildlife stuff, some of it is Corps stuff. And this is as we're running through the process, there are parallel tracks moving through.  Q. Okay. And would that have been received by ADEM before issuance of the final solid waste landfill permit?  A. Say that one more time.  Q. Would Exhibit J-9, would it have been received by ADEM before issuance of the final solid waste permit, J-1?  A. It was, if that's what you're asking. Or does it have to be?  Q. I'm sorry. Yeah, it was  A. Yes.  Q received before?  A. Yes.

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	Page 496		Page 498
1	A. Okay.	1	color, yes. It's the exact same map.
2	Q. Do you see that?	2	BY MR. LUDDER:
3	A. Yes, sir.	3	Q. And both say, Figure 5: Proposed
4	Q. Does that map show impacted	4	Impact Map?
5	wetlands and streams?	5	A. Right, correct. And we've gone
6	A. This map shows a project area, and	6	over this one earlier today too, I believe.
7	it identifies 4.37 acres of wetlands.	7	Q. Okay. Now, I believe that the
8	Q. And	8	maps that we discussed earlier, the site
9	A. And 2.5 [verbatim] acres of	9	boundary was much larger
10	impacted area. Is that what you're asking?	10	A. You're right. Correct. It was
11	Q. Now, that's 2.25 acres of	11	over here.
12	wetlands?	12	Q than this; is that right?
13	A. Impact area, and 4.37 acres of	13	A. Correct.
14	wetlands.	14	Q. And so this map shows just the
15	Q. All right.	15	proposed municipal solid waste expansion area,
16	A. I'm not sure which one you're	16	correct?
17	asking about.	17	A. Correct.
18	Q. All right.	18	Q. And so the amount of wetlands that
19	A. The stream, I guess, would be	19	are to be impacted in the expansion area are how
20	the this area, and they give it in linear	20	many acres?
21	feet as well, but the wetlands is 4.37.	21	A. Say it one more time. Am I
22	Q. All right. Let's differentiate	22	looking at the impact areas or wetlands? Which
23	between impacted and nonimpacted areas.	23	one?
23	between impacted and nonimpacted areas.	23	one:
	Page 497		Page 499
1	Page 497 Impacted areas are shown by hatched hatch	1	Page 499 Q. I'm talking about the impact area,
1 2		1 2	
	Impacted areas are shown by hatched hatch		Q. I'm talking about the impact area,
2	Impacted areas are shown by hatched hatch marks?	2	Q. I'm talking about the impact area, the hatched mark. A. Okay.
2	Impacted areas are shown by hatched hatch marks?  A. It's got a grid over it of some	2	Q. I'm talking about the impact area, the hatched mark.
2 3 4	Impacted areas are shown by hatched hatch marks?  A. It's got a grid over it of some sort.	2 3 4	<ul><li>Q. I'm talking about the impact area,</li><li>the hatched mark.</li><li>A. Okay.</li><li>Q. How many acres are included in</li></ul>
2 3 4 5	Impacted areas are shown by hatched hatch marks?  A. It's got a grid over it of some sort.  Q. All right.	2 3 4 5	Q. I'm talking about the impact area, the hatched mark. A. Okay. Q. How many acres are included in that hatched mark?
2 3 4 5 6	Impacted areas are shown by hatched hatch marks?  A. It's got a grid over it of some sort.  Q. All right. A. And wetlands is shaded, and the	2 3 4 5 6	Q. I'm talking about the impact area, the hatched mark. A. Okay. Q. How many acres are included in that hatched mark? A. 2.25 acres.
2 3 4 5 6 7	Impacted areas are shown by hatched hatch marks?  A. It's got a grid over it of some sort.  Q. All right.  A. And wetlands is shaded, and the whole thing is shaded so, you know, it's tough	2 3 4 5 6 7	Q. I'm talking about the impact area, the hatched mark. A. Okay. Q. How many acres are included in that hatched mark? A. 2.25 acres. Q. All right. Does this table over
2 3 4 5 6 7 8	Impacted areas are shown by hatched hatch marks?  A. It's got a grid over it of some sort.  Q. All right.  A. And wetlands is shaded, and the whole thing is shaded so, you know, it's tough to figure out where that is.	2 3 4 5 6 7 8	Q. I'm talking about the impact area, the hatched mark. A. Okay. Q. How many acres are included in that hatched mark? A. 2.25 acres. Q. All right. Does this table over here say, Proposed Impacts?
2 3 4 5 6 7 8	Impacted areas are shown by hatched hatch marks?  A. It's got a grid over it of some sort.  Q. All right.  A. And wetlands is shaded, and the whole thing is shaded so, you know, it's tough to figure out where that is.  Q. Because of the shade?	2 3 4 5 6 7 8 9	Q. I'm talking about the impact area, the hatched mark. A. Okay. Q. How many acres are included in that hatched mark? A. 2.25 acres. Q. All right. Does this table over here say, Proposed Impacts? A. It does.
2 3 4 5 6 7 8 9	Impacted areas are shown by hatched hatch marks?  A. It's got a grid over it of some sort.  Q. All right.  A. And wetlands is shaded, and the whole thing is shaded so, you know, it's tough to figure out where that is.  Q. Because of the shade?  A. Well, yeah, because it's not in	2 3 4 5 6 7 8 9	Q. I'm talking about the impact area, the hatched mark. A. Okay. Q. How many acres are included in that hatched mark? A. 2.25 acres. Q. All right. Does this table over here say, Proposed Impacts? A. It does. Q. And how many acres does it say of
2 3 4 5 6 7 8 9 10	Impacted areas are shown by hatched hatch marks?  A. It's got a grid over it of some sort.  Q. All right.  A. And wetlands is shaded, and the whole thing is shaded so, you know, it's tough to figure out where that is.  Q. Because of the shade?  A. Well, yeah, because it's not in color.	2 3 4 5 6 7 8 9 10	Q. I'm talking about the impact area, the hatched mark. A. Okay. Q. How many acres are included in that hatched mark? A. 2.25 acres. Q. All right. Does this table over here say, Proposed Impacts? A. It does. Q. And how many acres does it say of wetlands are to be impacted?
2 3 4 5 6 7 8 9 10 11	Impacted areas are shown by hatched hatch marks?  A. It's got a grid over it of some sort.  Q. All right.  A. And wetlands is shaded, and the whole thing is shaded so, you know, it's tough to figure out where that is.  Q. Because of the shade?  A. Well, yeah, because it's not in color.  Q. Yeah, it's not in color.	2 3 4 5 6 7 8 9 10 11	Q. I'm talking about the impact area, the hatched mark. A. Okay. Q. How many acres are included in that hatched mark? A. 2.25 acres. Q. All right. Does this table over here say, Proposed Impacts? A. It does. Q. And how many acres does it say of wetlands are to be impacted? A. It actually says 2.25.
2 3 4 5 6 7 8 9 10 11 12	Impacted areas are shown by hatched hatch marks?  A. It's got a grid over it of some sort.  Q. All right.  A. And wetlands is shaded, and the whole thing is shaded so, you know, it's tough to figure out where that is.  Q. Because of the shade?  A. Well, yeah, because it's not in color.  Q. Yeah, it's not in color.  MR. CARTER: I think David,	2 3 4 5 6 7 8 9 10 11 12 13	Q. I'm talking about the impact area, the hatched mark. A. Okay. Q. How many acres are included in that hatched mark? A. 2.25 acres. Q. All right. Does this table over here say, Proposed Impacts? A. It does. Q. And how many acres does it say of wetlands are to be impacted? A. It actually says 2.25. Q. Okay. And in terms of ephemeral,
2 3 4 5 6 7 8 9 10 11 12 13	Impacted areas are shown by hatched hatch marks?  A. It's got a grid over it of some sort.  Q. All right.  A. And wetlands is shaded, and the whole thing is shaded so, you know, it's tough to figure out where that is.  Q. Because of the shade?  A. Well, yeah, because it's not in color.  Q. Yeah, it's not in color.  MR. CARTER: I think David, wasn't that the colored the map	2 3 4 5 6 7 8 9 10 11 12 13	Q. I'm talking about the impact area, the hatched mark. A. Okay. Q. How many acres are included in that hatched mark? A. 2.25 acres. Q. All right. Does this table over here say, Proposed Impacts? A. It does. Q. And how many acres does it say of wetlands are to be impacted? A. It actually says 2.25. Q. Okay. And in terms of ephemeral, intermittent, and intermittent streams, does it
2 3 4 5 6 7 8 9 10 11 12 13 14	Impacted areas are shown by hatched hatch marks?  A. It's got a grid over it of some sort.  Q. All right.  A. And wetlands is shaded, and the whole thing is shaded so, you know, it's tough to figure out where that is.  Q. Because of the shade?  A. Well, yeah, because it's not in color.  Q. Yeah, it's not in color.  MR. CARTER: I think David, wasn't that the colored the map that you entered into evidence	2 3 4 5 6 7 8 9 10 11 12 13 14	Q. I'm talking about the impact area, the hatched mark. A. Okay. Q. How many acres are included in that hatched mark? A. 2.25 acres. Q. All right. Does this table over here say, Proposed Impacts? A. It does. Q. And how many acres does it say of wetlands are to be impacted? A. It actually says 2.25. Q. Okay. And in terms of ephemeral, intermittent, and intermittent streams, does it say how many linear feet of impacted area?
2 3 4 5 6 7 8 9 10 11 12 13 14 15	Impacted areas are shown by hatched hatch marks?  A. It's got a grid over it of some sort.  Q. All right.  A. And wetlands is shaded, and the whole thing is shaded so, you know, it's tough to figure out where that is.  Q. Because of the shade?  A. Well, yeah, because it's not in color.  Q. Yeah, it's not in color.  MR. CARTER: I think David, wasn't that the colored the map that you entered into evidence yesterday with Mr. Kelly?	2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. I'm talking about the impact area, the hatched mark. A. Okay. Q. How many acres are included in that hatched mark? A. 2.25 acres. Q. All right. Does this table over here say, Proposed Impacts? A. It does. Q. And how many acres does it say of wetlands are to be impacted? A. It actually says 2.25. Q. Okay. And in terms of ephemeral, intermittent, and intermittent streams, does it say how many linear feet of impacted area? A. Yes.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Impacted areas are shown by hatched hatch marks?  A. It's got a grid over it of some sort.  Q. All right. A. And wetlands is shaded, and the whole thing is shaded so, you know, it's tough to figure out where that is.  Q. Because of the shade? A. Well, yeah, because it's not in color.  Q. Yeah, it's not in color.  MR. CARTER: I think David, wasn't that the colored the map that you entered into evidence yesterday with Mr. Kelly?  THE WITNESS: It looks very similar	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. I'm talking about the impact area, the hatched mark. A. Okay. Q. How many acres are included in that hatched mark? A. 2.25 acres. Q. All right. Does this table over here say, Proposed Impacts? A. It does. Q. And how many acres does it say of wetlands are to be impacted? A. It actually says 2.25. Q. Okay. And in terms of ephemeral, intermittent, and intermittent streams, does it say how many linear feet of impacted area? A. Yes. Q. How many is that?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Impacted areas are shown by hatched hatch marks?  A. It's got a grid over it of some sort.  Q. All right. A. And wetlands is shaded, and the whole thing is shaded so, you know, it's tough to figure out where that is. Q. Because of the shade? A. Well, yeah, because it's not in color.  Q. Yeah, it's not in color.  MR. CARTER: I think David, wasn't that the colored the map that you entered into evidence yesterday with Mr. Kelly?  THE WITNESS: It looks very similar to the one we looked at. It's the	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. I'm talking about the impact area, the hatched mark. A. Okay. Q. How many acres are included in that hatched mark? A. 2.25 acres. Q. All right. Does this table over here say, Proposed Impacts? A. It does. Q. And how many acres does it say of wetlands are to be impacted? A. It actually says 2.25. Q. Okay. And in terms of ephemeral, intermittent, and intermittent streams, does it say how many linear feet of impacted area? A. Yes. Q. How many is that? A. You want the total for each one?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Impacted areas are shown by hatched hatch marks?  A. It's got a grid over it of some sort.  Q. All right.  A. And wetlands is shaded, and the whole thing is shaded so, you know, it's tough to figure out where that is.  Q. Because of the shade?  A. Well, yeah, because it's not in color.  Q. Yeah, it's not in color.  MR. CARTER: I think David, wasn't that the colored the map that you entered into evidence yesterday with Mr. Kelly?  THE WITNESS: It looks very similar to the one we looked at. It's the second one earlier today.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. I'm talking about the impact area, the hatched mark. A. Okay. Q. How many acres are included in that hatched mark? A. 2.25 acres. Q. All right. Does this table over here say, Proposed Impacts? A. It does. Q. And how many acres does it say of wetlands are to be impacted? A. It actually says 2.25. Q. Okay. And in terms of ephemeral, intermittent, and intermittent streams, does it say how many linear feet of impacted area? A. Yes. Q. How many is that? A. You want the total for each one? Q. Yes, give the total.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Impacted areas are shown by hatched hatch marks?  A. It's got a grid over it of some sort.  Q. All right. A. And wetlands is shaded, and the whole thing is shaded so, you know, it's tough to figure out where that is. Q. Because of the shade? A. Well, yeah, because it's not in color.  Q. Yeah, it's not in color.  MR. CARTER: I think David, wasn't that the colored the map that you entered into evidence yesterday with Mr. Kelly?  THE WITNESS: It looks very similar to the one we looked at. It's the second one earlier today.  MR. LUDDER: Exhibit P-4.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. I'm talking about the impact area, the hatched mark. A. Okay. Q. How many acres are included in that hatched mark? A. 2.25 acres. Q. All right. Does this table over here say, Proposed Impacts? A. It does. Q. And how many acres does it say of wetlands are to be impacted? A. It actually says 2.25. Q. Okay. And in terms of ephemeral, intermittent, and intermittent streams, does it say how many linear feet of impacted area? A. Yes. Q. How many is that? A. You want the total for each one? Q. Yes, give the total. A. 1160.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Impacted areas are shown by hatched hatch marks?  A. It's got a grid over it of some sort.  Q. All right. A. And wetlands is shaded, and the whole thing is shaded so, you know, it's tough to figure out where that is. Q. Because of the shade? A. Well, yeah, because it's not in color.  Q. Yeah, it's not in color.  MR. CARTER: I think David, wasn't that the colored the map that you entered into evidence yesterday with Mr. Kelly?  THE WITNESS: It looks very similar to the one we looked at. It's the second one earlier today.  MR. LUDDER: Exhibit P-4.  HEARING OFFICER: Is that the same	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. I'm talking about the impact area, the hatched mark. A. Okay. Q. How many acres are included in that hatched mark? A. 2.25 acres. Q. All right. Does this table over here say, Proposed Impacts? A. It does. Q. And how many acres does it say of wetlands are to be impacted? A. It actually says 2.25. Q. Okay. And in terms of ephemeral, intermittent, and intermittent streams, does it say how many linear feet of impacted area? A. Yes. Q. How many is that? A. You want the total for each one? Q. Yes, give the total. A. 1160. Q. 1160? Okay. So that those

INICH	Alabama Department of Environmental Management June 1, 2016				
	Page 500		Page 502		
1	diagram?	1	A. Do you want me to find the permit?		
2	A. Yes, I think the numbers are	2	Q. It's P-1. Yeah.		
3	different. Correct.	3	A. P-1 I'll leave that open. It		
4	Q. Okay. Now, looking at Exhibit R-1	4	doesn't say how much we on the rationale I		
5	for identification, which is the document, at	5	mean, on the determination, it says, The		
6	least, containing the Corps permit that the	6	proposed modification would expand the total		
7	Department received, correct?	7	acreage of the facility to 534and increases		
8	A. (The Witness nodded).	8	the MSW disposal area to 75.6 acres. The C&D		
9	Q. Does it say on Page 1 of	9	would increase 13.6 acres.		
10	the and I'm referring to Page 1 as shown at	10	Q. All right. Now, that 75.6		
11	the bottom of the page rather than the first	11	represents both the existing landfill and the		
12	page of the document does it say on Page 1	12	expansion parcel, correct?		
13	that what the permit is authorizing be done?	13	A. Right, right.		
14	A. It says the sentence You are	14	Q. Can you look at the next the		
15	authorized to perform work in accordance with	15	A. Is that it? It should be it		
16	the terms and conditions specified below.	16	should be right		
17	Is that what you're asking?	17	Q Joint Exhibit Number 2, and		
18	Q. And where are you reading that	18	can you identify what that is?		
19	from? Okay. And could you describe the project	19	A. This is the previous permit before		
20	area? Or project location?	20	the modification.		
21	A. The Project Location: The	21	Q. And how much acreage of municipal		
22	approximately 40 acre expansion parcel is	22	solid waste landfill was authorized in that		
23	located south of the City of Dothan's existing	23	permit?		
	·				
	Page 501		Page 503		
-					
	landfill in Dothan, Houston County, Alabama.	1	A. 55 acres.		
1 2	landfill in Dothan, Houston County, Alabama.  Specifically keep going?	1 2	<ul><li>A. 55 acres.</li><li>O. So the difference between the</li></ul>		
	Specifically keep going?		Q. So the difference between the		
2	Specifically keep going?  Q. Yeah, you might as well.	2	Q. So the difference between the permit that was just issued in 2016, which		
2	Specifically keep going?  Q. Yeah, you might as well.  A. Okay.	2	Q. So the difference between the permit that was just issued in 2016, which was the acreage was indicated, the 75.6 acres		
2 3 4	Specifically keep going?  Q. Yeah, you might as well.  A. Okay.  Specifically, the site is located at	2 3 4	Q. So the difference between the permit that was just issued in 2016, which was the acreage was indicated, the 75.6 acres for the municipal waste landfill, compared to		
2 3 4 5	Specifically keep going?  Q. Yeah, you might as well.  A. Okay.  Specifically, the site is located at latitude 31.2353 North and longitude 85.3512	2 3 4 5	Q. So the difference between the permit that was just issued in 2016, which was the acreage was indicated, the 75.6 acres		
2 3 4 5	Specifically keep going?  Q. Yeah, you might as well.  A. Okay.  Specifically, the site is located at latitude 31.2353 North and longitude 85.3512  West in Sections 16 and 17, Township 3 North,	2 3 4 5 6	Q. So the difference between the permit that was just issued in 2016, which was the acreage was indicated, the 75.6 acres for the municipal waste landfill, compared to the previous permit of 55 acres? Do you know what the difference is?		
2 3 4 5 6 7	Specifically keep going?  Q. Yeah, you might as well.  A. Okay.  Specifically, the site is located at latitude 31.2353 North and longitude 85.3512	2 3 4 5 6 7	Q. So the difference between the permit that was just issued in 2016, which was the acreage was indicated, the 75.6 acres for the municipal waste landfill, compared to the previous permit of 55 acres? Do you know what the difference is?  A. I do not. I went to Elmore		
2 3 4 5 6 7 8	Specifically keep going?  Q. Yeah, you might as well.  A. Okay.  Specifically, the site is located at latitude 31.2353 North and longitude 85.3512  West in Sections 16 and 17, Township 3 North, Range 27 East. The area is depicted on the	2 3 4 5 6 7 8	Q. So the difference between the permit that was just issued in 2016, which was the acreage was indicated, the 75.6 acres for the municipal waste landfill, compared to the previous permit of 55 acres? Do you know what the difference is?		
2 3 4 5 6 7 8 9	Specifically keep going? Q. Yeah, you might as well. A. Okay. Specifically, the site is located at latitude 31.2353 North and longitude 85.3512 West in Sections 16 and 17, Township 3 North, Range 27 East. The area is depicted on the Dothan East, Alabama Quad Quadangle; United	2 3 4 5 6 7 8 9	Q. So the difference between the permit that was just issued in 2016, which was the acreage was indicated, the 75.6 acres for the municipal waste landfill, compared to the previous permit of 55 acres? Do you know what the difference is?  A. I do not. I went to Elmore County, but I'm going with 20.6 acres; is that		
2 3 4 5 6 7 8 9	Specifically keep going? Q. Yeah, you might as well. A. Okay. Specifically, the site is located at latitude 31.2353 North and longitude 85.3512 West in Sections 16 and 17, Township 3 North, Range 27 East. The area is depicted on the Dothan East, Alabama Quad Quadangle; United States Geological Survey Topographic Map and is	2 3 4 5 6 7 8 9	Q. So the difference between the permit that was just issued in 2016, which was the acreage was indicated, the 75.6 acres for the municipal waste landfill, compared to the previous permit of 55 acres? Do you know what the difference is?  A. I do not. I went to Elmore County, but I'm going with 20.6 acres; is that right? 75, 55, .6?		
2 3 4 5 6 7 8 9 10	Specifically keep going?  Q. Yeah, you might as well.  A. Okay.  Specifically, the site is located at latitude 31.2353 North and longitude 85.3512  West in Sections 16 and 17, Township 3 North, Range 27 East. The area is depicted on the Dothan East, Alabama Quad Quadangle; United States Geological Survey Topographic Map and is situated within the Apalachicola River watershed	2 3 4 5 6 7 8 9 10	Q. So the difference between the permit that was just issued in 2016, which was the acreage was indicated, the 75.6 acres for the municipal waste landfill, compared to the previous permit of 55 acres? Do you know what the difference is?  A. I do not. I went to Elmore County, but I'm going with 20.6 acres; is that right? 75, 55, .6?  Q. It's approximately 20 acres, isn't		
2 3 4 5 6 7 8 9 10 11	Specifically keep going?  Q. Yeah, you might as well.  A. Okay.  Specifically, the site is located at latitude 31.2353 North and longitude 85.3512  West in Sections 16 and 17, Township 3 North, Range 27 East. The area is depicted on the Dothan East, Alabama Quad Quadangle; United States Geological Survey Topographic Map and is situated within the Apalachicola River watershed HUC 03130004.	2 3 4 5 6 7 8 9 10 11	Q. So the difference between the permit that was just issued in 2016, which was the acreage was indicated, the 75.6 acres for the municipal waste landfill, compared to the previous permit of 55 acres? Do you know what the difference is?  A. I do not. I went to Elmore County, but I'm going with 20.6 acres; is that right? 75, 55, .6?  Q. It's approximately 20 acres, isn't it?		
2 3 4 5 6 7 8 9 10 11 12	Specifically keep going?  Q. Yeah, you might as well.  A. Okay.  Specifically, the site is located at latitude 31.2353 North and longitude 85.3512  West in Sections 16 and 17, Township 3 North, Range 27 East. The area is depicted on the Dothan East, Alabama Quad Quadangle; United States Geological Survey Topographic Map and is situated within the Apalachicola River watershed HUC 03130004.  Q. Okay. So is that the same	2 3 4 5 6 7 8 9 10 11 12	Q. So the difference between the permit that was just issued in 2016, which was the acreage was indicated, the 75.6 acres for the municipal waste landfill, compared to the previous permit of 55 acres? Do you know what the difference is?  A. I do not. I went to Elmore County, but I'm going with 20.6 acres; is that right? 75, 55, .6?  Q. It's approximately 20 acres, isn't it?  A. 20.6 acres, yes.		
2 3 4 5 6 7 8 9 10 11 12 13	Specifically keep going?  Q. Yeah, you might as well.  A. Okay.  Specifically, the site is located at latitude 31.2353 North and longitude 85.3512  West in Sections 16 and 17, Township 3 North, Range 27 East. The area is depicted on the Dothan East, Alabama Quad Quadangle; United States Geological Survey Topographic Map and is situated within the Apalachicola River watershed HUC 03130004.  Q. Okay. So is that the same municipal solid waste landfill expansion that	2 3 4 5 6 7 8 9 10 11 12 13	Q. So the difference between the permit that was just issued in 2016, which was the acreage was indicated, the 75.6 acres for the municipal waste landfill, compared to the previous permit of 55 acres? Do you know what the difference is?  A. I do not. I went to Elmore County, but I'm going with 20.6 acres; is that right? 75, 55, .6?  Q. It's approximately 20 acres, isn't it?  A. 20.6 acres, yes. Q. 20.6 acres? All right. Do you		
2 3 4 5 6 7 8 9 10 11 12 13 14 15	Specifically keep going?  Q. Yeah, you might as well.  A. Okay.  Specifically, the site is located at latitude 31.2353 North and longitude 85.3512  West in Sections 16 and 17, Township 3 North, Range 27 East. The area is depicted on the Dothan East, Alabama Quad Quadangle; United States Geological Survey Topographic Map and is situated within the Apalachicola River watershed HUC 03130004.  Q. Okay. So is that the same municipal solid waste landfill expansion that we've been talking about throughout this	2 3 4 5 6 7 8 9 10 11 12 13 14	Q. So the difference between the permit that was just issued in 2016, which was the acreage was indicated, the 75.6 acres for the municipal waste landfill, compared to the previous permit of 55 acres? Do you know what the difference is?  A. I do not. I went to Elmore County, but I'm going with 20.6 acres; is that right? 75, 55, .6?  Q. It's approximately 20 acres, isn't it?  A. 20.6 acres, yes. Q. 20.6 acres? All right. Do you know why the Corps of Engineers referred to an		
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Specifically keep going?  Q. Yeah, you might as well.  A. Okay.  Specifically, the site is located at latitude 31.2353 North and longitude 85.3512  West in Sections 16 and 17, Township 3 North, Range 27 East. The area is depicted on the Dothan East, Alabama Quad Quadangle; United States Geological Survey Topographic Map and is situated within the Apalachicola River watershed HUC 03130004.  Q. Okay. So is that the same municipal solid waste landfill expansion that we've been talking about throughout this proceeding?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. So the difference between the permit that was just issued in 2016, which was the acreage was indicated, the 75.6 acres for the municipal waste landfill, compared to the previous permit of 55 acres? Do you know what the difference is?  A. I do not. I went to Elmore County, but I'm going with 20.6 acres; is that right? 75, 55, .6?  Q. It's approximately 20 acres, isn't it?  A. 20.6 acres, yes. Q. 20.6 acres? All right. Do you know why the Corps of Engineers referred to an area of 40 acres?		
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Specifically keep going?  Q. Yeah, you might as well.  A. Okay.  Specifically, the site is located at latitude 31.2353 North and longitude 85.3512  West in Sections 16 and 17, Township 3 North, Range 27 East. The area is depicted on the Dothan East, Alabama Quad Quadangle; United States Geological Survey Topographic Map and is situated within the Apalachicola River watershed HUC 03130004.  Q. Okay. So is that the same municipal solid waste landfill expansion that we've been talking about throughout this proceeding?  A. I would think so.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. So the difference between the permit that was just issued in 2016, which was the acreage was indicated, the 75.6 acres for the municipal waste landfill, compared to the previous permit of 55 acres? Do you know what the difference is?  A. I do not. I went to Elmore County, but I'm going with 20.6 acres; is that right? 75, 55, .6?  Q. It's approximately 20 acres, isn't it?  A. 20.6 acres, yes. Q. 20.6 acres? All right. Do you know why the Corps of Engineers referred to an area of 40 acres?  A. Maybe they're not using all of it		
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Specifically keep going?  Q. Yeah, you might as well.  A. Okay.  Specifically, the site is located at latitude 31.2353 North and longitude 85.3512  West in Sections 16 and 17, Township 3 North,  Range 27 East. The area is depicted on the  Dothan East, Alabama Quad Quadangle; United  States Geological Survey Topographic Map and is situated within the Apalachicola River watershed  HUC 03130004.  Q. Okay. So is that the same municipal solid waste landfill expansion that we've been talking about throughout this proceeding?  A. I would think so.  Q. Now, they refer to it as a	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. So the difference between the permit that was just issued in 2016, which was the acreage was indicated, the 75.6 acres for the municipal waste landfill, compared to the previous permit of 55 acres? Do you know what the difference is?  A. I do not. I went to Elmore County, but I'm going with 20.6 acres; is that right? 75, 55, .6?  Q. It's approximately 20 acres, isn't it?  A. 20.6 acres, yes. Q. 20.6 acres? All right. Do you know why the Corps of Engineers referred to an area of 40 acres?  A. Maybe they're not using all of it for disposal. There's buffer zones and stuff		
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Specifically keep going?  Q. Yeah, you might as well.  A. Okay.  Specifically, the site is located at latitude 31.2353 North and longitude 85.3512  West in Sections 16 and 17, Township 3 North,  Range 27 East. The area is depicted on the  Dothan East, Alabama Quad Quadangle; United States Geological Survey Topographic Map and is situated within the Apalachicola River watershed HUC 03130004.  Q. Okay. So is that the same municipal solid waste landfill expansion that we've been talking about throughout this proceeding?  A. I would think so.  Q. Now, they refer to it as a "40-acre expansion parcel." Do you recall what	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. So the difference between the permit that was just issued in 2016, which was the acreage was indicated, the 75.6 acres for the municipal waste landfill, compared to the previous permit of 55 acres? Do you know what the difference is?  A. I do not. I went to Elmore County, but I'm going with 20.6 acres; is that right? 75, 55, .6?  Q. It's approximately 20 acres, isn't it?  A. 20.6 acres, yes. Q. 20.6 acres? All right. Do you know why the Corps of Engineers referred to an area of 40 acres?  A. Maybe they're not using all of it for disposal. There's buffer zones and stuff too. Maybe it's not all part of it. That's		
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Specifically keep going?  Q. Yeah, you might as well.  A. Okay.  Specifically, the site is located at latitude 31.2353 North and longitude 85.3512  West in Sections 16 and 17, Township 3 North, Range 27 East. The area is depicted on the Dothan East, Alabama Quad Quadangle; United States Geological Survey Topographic Map and is situated within the Apalachicola River watershed HUC 03130004.  Q. Okay. So is that the same municipal solid waste landfill expansion that we've been talking about throughout this proceeding?  A. I would think so.  Q. Now, they refer to it as a "40-acre expansion parcel." Do you recall what the acreage is on the expansion parcel that you	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. So the difference between the permit that was just issued in 2016, which was the acreage was indicated, the 75.6 acres for the municipal waste landfill, compared to the previous permit of 55 acres? Do you know what the difference is?  A. I do not. I went to Elmore County, but I'm going with 20.6 acres; is that right? 75, 55, .6?  Q. It's approximately 20 acres, isn't it?  A. 20.6 acres, yes. Q. 20.6 acres? All right. Do you know why the Corps of Engineers referred to an area of 40 acres?  A. Maybe they're not using all of it for disposal. There's buffer zones and stuff too. Maybe it's not all part of it. That's going off the top of my head.		
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Specifically keep going?  Q. Yeah, you might as well.  A. Okay.  Specifically, the site is located at latitude 31.2353 North and longitude 85.3512  West in Sections 16 and 17, Township 3 North,  Range 27 East. The area is depicted on the  Dothan East, Alabama Quad Quadangle; United  States Geological Survey Topographic Map and is situated within the Apalachicola River watershed  HUC 03130004.  Q. Okay. So is that the same municipal solid waste landfill expansion that we've been talking about throughout this proceeding?  A. I would think so.  Q. Now, they refer to it as a "40-acre expansion parcel." Do you recall what the acreage is on the expansion parcel that you permitted?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. So the difference between the permit that was just issued in 2016, which was the acreage was indicated, the 75.6 acres for the municipal waste landfill, compared to the previous permit of 55 acres? Do you know what the difference is?  A. I do not. I went to Elmore County, but I'm going with 20.6 acres; is that right? 75, 55, .6?  Q. It's approximately 20 acres, isn't it?  A. 20.6 acres, yes. Q. 20.6 acres? All right. Do you know why the Corps of Engineers referred to an area of 40 acres?  A. Maybe they're not using all of it for disposal. There's buffer zones and stuff too. Maybe it's not all part of it. That's going off the top of my head. Q. Could you explain that on this		

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	Page 504		Page 506
1	I'm just assuming. I don't know without looking	1	Q. Right. Just the second sentence.
2	at going back through it.	2	A. Second sentence?
3	Q. Let me withdraw the question.	3	This permits authorizes the permanent
4	A. Okay.	4	discharge of fill material into 2.25 acres
5	Q. The area marked in a red line on	5	of I don't know how to pronounce that some
6	Exhibit P-4, that's the expansion area, correct,	6	kind of wetlands 270 linear feet of
7	landfill expansion area?	7	intermittent stream, and 890 linear feet of
8	A. It appears to be.	8	ephemeral stream.
9	Q. Okay.	9	Q. Okay. Now, that permit is not a
10	A. This is not I mean, you know,	10	permit issued by ADEM, is it?
11	the application is here, and this is in this	11	A. This Corps permit?
12	document, but it appears that it's the same	12	Q. Yes.
13	area.	13	A. No, there's a joint joint
14	Q. Right. And would you assume that	14	something with ADEM, but
15	that area is the 20.6 acres, more or less?	15	Q. I'm sorry?
16	A. I would say the 20.6 acres that	16	A. There's one of it is joint with
17	they're adding is in this area right here, yes.	17	our field office, but I don't think this one is.
18	Q. Within the red boundary?	18	Q. Are you talking about the Joint
19	A. Within the yeah. More than	19	Public Notice?
20	likely.	20	A. Maybe it's the Joint Public
21	Q. All right. Now, if the Corps is	21	Notice. There you go. I'm sorry. But you're
22	talking about 40 acres, they've got to be	22	right.
23	talking about a lot more acres than are shown in	23	MR. LUDDER: The Petitioners move
	Page 505		Page 507
1	the red boundary line, correct?	1	the admission of Exhibit R-1.
2	A. I don't know. I mean, I don't	2	HEARING OFFICER: It's your
3	know if it goes if the disposal acres is only	3	exhibit. Any objection?
4	this area here, there could be another 20 acres	4	MR. CARTER: No.
5	around it or something. I don't know. Does	5	MR. WHITE: What is that?
6	that make sense?	6	HEARING OFFICER: R-1 is the NPDES
7	Q. Oh, I see. You're saying that	7	permit.
8	20.6 acres may just be a disposal area?	8	MR. LUDDER: No, it's the Corps
9	A. In the 40 acres, yes.	9	permit.
10	Q. In the 40 acres? And you think this red line boundary might actually be larger	10	THE WITNESS: It's the Corps
11	inis rea line holindary might actually he larger	11	permit.
12			-
	than 20.6 acres?	12	HEARING OFFICER: Oh, excuse me.
13	than 20.6 acres? A. That's that's what I'm	13	HEARING OFFICER: Oh, excuse me. The Corps permit.
13 14	than 20.6 acres? A. That's that's what I'm thinking.	13 14	HEARING OFFICER: Oh, excuse me. The Corps permit. MR. WHITE: No objection.
13 14 15	than 20.6 acres? A. That's that's what I'm thinking. Q. Okay, okay. Now, would you read	13 14 15	HEARING OFFICER: Oh, excuse me. The Corps permit. MR. WHITE: No objection. HEARING OFFICER: It's admitted.
13 14 15 16	than 20.6 acres?  A. That's that's what I'm thinking.  Q. Okay, okay. Now, would you read the second sentence under Project Description in	13 14 15 16	HEARING OFFICER: Oh, excuse me. The Corps permit. MR. WHITE: No objection. HEARING OFFICER: It's admitted. (Exhibit No. R-1 was admitted
13 14 15 16 17	than 20.6 acres?  A. That's that's what I'm thinking.  Q. Okay, okay. Now, would you read the second sentence under Project Description in Exhibit J excuse me Exhibit R-1. Second	13 14 15 16 17	HEARING OFFICER: Oh, excuse me. The Corps permit. MR. WHITE: No objection. HEARING OFFICER: It's admitted. (Exhibit No. R-1 was admitted into evidence.)
13 14 15 16 17 18	than 20.6 acres?  A. That's that's what I'm thinking.  Q. Okay, okay. Now, would you read the second sentence under Project Description in Exhibit J excuse me Exhibit R-1. Second sentence?	13 14 15 16 17 18	HEARING OFFICER: Oh, excuse me. The Corps permit. MR. WHITE: No objection. HEARING OFFICER: It's admitted. (Exhibit No. R-1 was admitted into evidence.) MR. CARTER: Your Honor, I
13 14 15 16 17 18 19	than 20.6 acres?  A. That's that's what I'm thinking.  Q. Okay, okay. Now, would you read the second sentence under Project Description in Exhibit J excuse me Exhibit R-1. Second sentence?  A. Second sentence under Project	13 14 15 16 17 18 19	HEARING OFFICER: Oh, excuse me. The Corps permit. MR. WHITE: No objection. HEARING OFFICER: It's admitted. (Exhibit No. R-1 was admitted into evidence.) MR. CARTER: Your Honor, I think I didn't offer R-2 as well.
13 14 15 16 17 18 19 20	than 20.6 acres?  A. That's that's what I'm thinking.  Q. Okay, okay. Now, would you read the second sentence under Project Description in Exhibit J excuse me Exhibit R-1. Second sentence?  A. Second sentence under Project Location Description?	13 14 15 16 17 18 19 20	HEARING OFFICER: Oh, excuse me. The Corps permit. MR. WHITE: No objection. HEARING OFFICER: It's admitted. (Exhibit No. R-1 was admitted into evidence.) MR. CARTER: Your Honor, I think I didn't offer R-2 as well. That was the regulations on variances.
13 14 15 16 17 18 19 20 21	than 20.6 acres?  A. That's that's what I'm thinking.  Q. Okay, okay. Now, would you read the second sentence under Project Description in Exhibit J excuse me Exhibit R-1. Second sentence?  A. Second sentence under Project Location Description?  Q. Project Description.	13 14 15 16 17 18 19 20 21	HEARING OFFICER: Oh, excuse me. The Corps permit. MR. WHITE: No objection. HEARING OFFICER: It's admitted. (Exhibit No. R-1 was admitted into evidence.) MR. CARTER: Your Honor, I think I didn't offer R-2 as well. That was the regulations on variances. THE WITNESS: R-2 is
13 14 15 16 17 18 19 20 21	than 20.6 acres?  A. That's that's what I'm thinking.  Q. Okay, okay. Now, would you read the second sentence under Project Description in Exhibit J excuse me Exhibit R-1. Second sentence?  A. Second sentence under Project Location Description?  Q. Project Description.  A. Okay. Well, I read Location	13 14 15 16 17 18 19 20 21	HEARING OFFICER: Oh, excuse me. The Corps permit. MR. WHITE: No objection. HEARING OFFICER: It's admitted. (Exhibit No. R-1 was admitted into evidence.) MR. CARTER: Your Honor, I think I didn't offer R-2 as well. That was the regulations on variances.
13 14 15 16 17 18 19 20 21	than 20.6 acres?  A. That's that's what I'm thinking.  Q. Okay, okay. Now, would you read the second sentence under Project Description in Exhibit J excuse me Exhibit R-1. Second sentence?  A. Second sentence under Project Location Description?  Q. Project Description.	13 14 15 16 17 18 19 20 21	HEARING OFFICER: Oh, excuse me. The Corps permit. MR. WHITE: No objection. HEARING OFFICER: It's admitted. (Exhibit No. R-1 was admitted into evidence.) MR. CARTER: Your Honor, I think I didn't offer R-2 as well. That was the regulations on variances. THE WITNESS: R-2 is

	Page 508		Page 510
_	(Eyhibit No. D. 2 was admitted	_	to you just says some testimony shout two
1	(Exhibit No. R-2 was admitted	1	to you just gave some testimony about two
2	into evidence.)	2	working faces at the at the landfill. Are
3	THE WITNESS: is 8, variances	3	you changing your testimony, your prior
4	stuff.	4	testimony, where you indicated that the permit
5	HEARING OFFICER: Redirect I	5	authorizes two working faces at the C&D
6	mean, recross?	6	landfill?
7	MR. CARTER: Just briefly, Your	7	MR. WHITE: I'm going to object to
8	Honor.	8	the you know, what he testified to.
9	MR. LUDDER: Oh, no, I'm not	9	I mean, if he wants to ask him a
10	finished.	10	question, fine, but if he's going to
11	MR. CARTER: Oh, I'm sorry. Go	11	incorporate some alleged prior
12	ahead.	12	testimony into it, I'm going to
13	BY MR. LUDDER:	13	object.
14	Q. Now, you testified about	14	HEARING OFFICER: I don't know
15	alternative daily cover, about how it's quite	15	whether he's changing his testimony or
16	common in Alabama for the Department to	16	not. Do you know? Do you remember
17	authorize it?	17	what you testified to?
18	A. Yes, sir.	18	THE WITNESS: I don't, I don't.
19	Q. You also testified earlier that no	19	HEARING OFFICER: Okay.
20	notice to the public would be given about	20	MR. LUDDER: Okay.
21	those those variances?	21	BY MR. LUDDER:
22	A. It depends on how we get the	22	Q. And you have referred to a soil
23	request in. I mean, in this case, the two	23	stability analysis, I believe, is what you
	Page 509		Page 511
1	variances we did were part of the notice, but	1	called it?
2	generally, they're not.	2	A. Or a study.
3	Q. I'm sorry?	3	Q. Or excuse me, a study.
4	A. They're not required to be, but in	4	A. Yeah, it's in one of your things
5	this case, the two variances that were issued	5	here.
6	were part of the public notice for this major	6	Q. Okay. Would you look at that
7	mod. So, in essence, it can be. Or if we do a	7	study and give us the proper name or the given
8	variance as part of a renewal, it's part of that	8	name for that study?
9	notice as well. So a lot of times, they are.	9	A. Do you know which which one
10	Generally most of the times they are. In	10	it's in? Or do you want me to dig through all
11	•		these?
	some cases they're not required to be they're	11	tilese !
12	some cases they're not required to be they're not required to be. Does that make sense?		
12 13	not required to be. Does that make sense?	12 13	Q. That would be J-3, Part II, I
13	not required to be. Does that make sense?  Q. All right. So if an applicant	12 13	Q. That would be J-3, Part II, I believe.
	not required to be. Does that make sense?  Q. All right. So if an applicant such as the City of Dothan has a permit now, as	12 13 14	Q. That would be J-3, Part II, I believe.  MR. WHITE: I'm going to object to
13 14 15	not required to be. Does that make sense?  Q. All right. So if an applicant such as the City of Dothan has a permit now, as it does	12 13 14 15	Q. That would be J-3, Part II, I believe.  MR. WHITE: I'm going to object to the designation of "It's a soil
13 14 15 16	not required to be. Does that make sense?  Q. All right. So if an applicant such as the City of Dothan has a permit now, as it does  A. Correct.	12 13 14 15 16	Q. That would be J-3, Part II, I believe.  MR. WHITE: I'm going to object to the designation of "It's a soil study." I mean, it says what it is,
13 14 15 16 17	not required to be. Does that make sense?  Q. All right. So if an applicant such as the City of Dothan has a permit now, as it does  A. Correct.  Q and they seek authorization to	12 13 14 15 16	Q. That would be J-3, Part II, I believe.  MR. WHITE: I'm going to object to the designation of "It's a soil study." I mean, it says what it is, and it doesn't say that.
13 14 15 16 17	not required to be. Does that make sense?  Q. All right. So if an applicant such as the City of Dothan has a permit now, as it does  A. Correct.  Q and they seek authorization to use alternative cover, would you do a public	12 13 14 15 16 17	Q. That would be J-3, Part II, I believe.  MR. WHITE: I'm going to object to the designation of "It's a soil study." I mean, it says what it is, and it doesn't say that.  MR. LUDDER: That's what he called
13 14 15 16 17 18	not required to be. Does that make sense?  Q. All right. So if an applicant such as the City of Dothan has a permit now, as it does  A. Correct.  Q and they seek authorization to use alternative cover, would you do a public notice on on a variance to grant that	12 13 14 15 16 17 18	Q. That would be J-3, Part II, I believe.  MR. WHITE: I'm going to object to the designation of "It's a soil study." I mean, it says what it is, and it doesn't say that.  MR. LUDDER: That's what he called it, and I'm just trying to clarify it.
13 14 15 16 17 18 19 20	not required to be. Does that make sense?  Q. All right. So if an applicant such as the City of Dothan has a permit now, as it does  A. Correct.  Q and they seek authorization to use alternative cover, would you do a public notice on on a variance to grant that authorization?	12 13 14 15 16 17 18 19 20	Q. That would be J-3, Part II, I believe.  MR. WHITE: I'm going to object to the designation of "It's a soil study." I mean, it says what it is, and it doesn't say that.  MR. LUDDER: That's what he called it, and I'm just trying to clarify it.  MR. WHITE: Well, let's clarify it.
13 14 15 16 17 18 19 20 21	not required to be. Does that make sense?  Q. All right. So if an applicant such as the City of Dothan has a permit now, as it does  A. Correct.  Q and they seek authorization to use alternative cover, would you do a public notice on on a variance to grant that authorization?  A. No, sir. We would not be required	12 13 14 15 16 17 18 19 20 21	Q. That would be J-3, Part II, I believe.  MR. WHITE: I'm going to object to the designation of "It's a soil study." I mean, it says what it is, and it doesn't say that.  MR. LUDDER: That's what he called it, and I'm just trying to clarify it.  MR. WHITE: Well, let's clarify it.  MR. LUDDER: That's what he's
13 14 15 16 17 18 19 20	not required to be. Does that make sense?  Q. All right. So if an applicant such as the City of Dothan has a permit now, as it does  A. Correct.  Q and they seek authorization to use alternative cover, would you do a public notice on on a variance to grant that authorization?	12 13 14 15 16 17 18 19 20	Q. That would be J-3, Part II, I believe.  MR. WHITE: I'm going to object to the designation of "It's a soil study." I mean, it says what it is, and it doesn't say that.  MR. LUDDER: That's what he called it, and I'm just trying to clarify it.  MR. WHITE: Well, let's clarify it.

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	Page 512		Page 514
1	MR. WHITE: Yeah, would you clarify	1	protective of human health and environment.
2	it, please, what it is?	2	Q. Was your recommendation to issue
3	THE WITNESS: It is the Static	3	it as it had been drafted and gone to public
4	Stability Analysis.	4	notice?
5	MR. WHITE: Thank you.	5	A. I think it was.
6	HEARING OFFICER: Static?	6	Q. That was your recommendation?
7	THE WITNESS: Yes. Static	7	A. I believe so. It's been a long
8	Stability Analysis.	8	time.
9	HEARING OFFICER: Thank you.	9	Q. Did you make any changes to the
10	BY MR. LUDDER:	10	draft permit when you
11	Q. Now, you also testified that you	11	A. The one that since it came
12	believed that erosion was addressed was	12	off the permit that came off of the notice?
13	probably addressed in that analysis; correct?	13	Q. Yeah, in the in the notice,
14	A. Yes.	14	there was included a draft permit, correct?
15	Q. All right. Would you look through	15	A. Correct.
16	there and see if you can find it?	16	Q. And Exhibit J-1 is the final
17	MR. WHITE: Judge, I'm going it	17	permit that was issued. Were there any changes
18	looks like about 300 pages. Are we	18	between the two?
19	going to recess to allow him to do	19	A. I don't I don't recall. I
20	that?	20	don't think so. I don't recall though.
21	HEARING OFFICER: Overruled.	21	Q. Okay. And do you know what
22	MR. LUDDER: Sure.	22	Mr. Davis's final decision was with regard to
23	THE WITNESS: All right.	23	your recommendation?
	Page 513		Page 515
1	BY MR. LUDDER:	1	A. We have a signed copy of the
2	Q. Well, or you can just answer me	2	permit, so
3	this: Do you know or not know whether erosion	3	Q. And did he sign it?
4	is addressed?	4	A. Yes, he did.
5	HEARING OFFICER: I think you asked	5	MR. LUDDER: Okay. No further
6	him if he can look through there and	6	questions.
7	find it.	7	HEARING OFFICER: Recross?
8	MR. LUDDER: Yeah, I did. I'm just	8	RECROSS EXAMINATION
9	saying I'll withdraw that question.	9	BY MR. CARTER:
10	HEARING OFFICER: Okay.	10	Q. Just where you mentioned a few
11	BY MR. LUDDER:	11	minutes ago in response to one of Mr. Ludder's
12	Q. And ask you: Do you know if	12	questions about you thought it was the Corps
13			permit. He asked you about the joint notice,
1.4	erosion is addressed in that document?	13	
14	A. I do not know specifically if	13 14	but part of that permit actually well, I
15	A. I do not know specifically if erosion is addressed in the document.		but part of that permit actually well, I withdraw that question.
	<ul><li>A. I do not know specifically if erosion is addressed in the document.</li><li>Q. Okay. Now, you testified that you</li></ul>	14	but part of that permit actually well, I withdraw that question.  Does the Department do a Water Quality
15	<ul><li>A. I do not know specifically if erosion is addressed in the document.</li><li>Q. Okay. Now, you testified that you make a recommendation on the draft permit to</li></ul>	14 15	but part of that permit actually well, I withdraw that question.  Does the Department do a Water Quality Certification as part of the permit Corps
15 16	A. I do not know specifically if erosion is addressed in the document.  Q. Okay. Now, you testified that you make a recommendation on the draft permit to your Land Division Chief, Mr. Phillip Davis,	14 15 16	but part of that permit actually well, I withdraw that question.  Does the Department do a Water Quality Certification as part of the permit Corps permit?
15 16 17	A. I do not know specifically if erosion is addressed in the document.  Q. Okay. Now, you testified that you make a recommendation on the draft permit to your Land Division Chief, Mr. Phillip Davis, correct?	14 15 16 17	but part of that permit actually well, I withdraw that question.  Does the Department do a Water Quality Certification as part of the permit Corps permit?  A. Yes, they do.
15 16 17 18	A. I do not know specifically if erosion is addressed in the document.  Q. Okay. Now, you testified that you make a recommendation on the draft permit to your Land Division Chief, Mr. Phillip Davis, correct?  A. Correct.	14 15 16 17	but part of that permit actually well, I withdraw that question.  Does the Department do a Water Quality Certification as part of the permit Corps permit?  A. Yes, they do. Q. Okay. And in terms of that, also
15 16 17 18 19 20 21	A. I do not know specifically if erosion is addressed in the document.  Q. Okay. Now, you testified that you make a recommendation on the draft permit to your Land Division Chief, Mr. Phillip Davis, correct?  A. Correct.  Q. What was your recommendation in	14 15 16 17 18 19 20 21	but part of that permit actually well, I withdraw that question.  Does the Department do a Water Quality Certification as part of the permit Corps permit?  A. Yes, they do. Q. Okay. And in terms of that, also there was a joint public notice issued?
15 16 17 18 19 20 21 22	A. I do not know specifically if erosion is addressed in the document.  Q. Okay. Now, you testified that you make a recommendation on the draft permit to your Land Division Chief, Mr. Phillip Davis, correct?  A. Correct.  Q. What was your recommendation in this case?	14 15 16 17 18 19 20 21	but part of that permit actually well, I withdraw that question.  Does the Department do a Water Quality Certification as part of the permit Corps permit?  A. Yes, they do. Q. Okay. And in terms of that, also there was a joint public notice issued? A. Correct.
15 16 17 18 19 20 21	A. I do not know specifically if erosion is addressed in the document.  Q. Okay. Now, you testified that you make a recommendation on the draft permit to your Land Division Chief, Mr. Phillip Davis, correct?  A. Correct.  Q. What was your recommendation in	14 15 16 17 18 19 20 21	but part of that permit actually well, I withdraw that question.  Does the Department do a Water Quality Certification as part of the permit Corps permit?  A. Yes, they do. Q. Okay. And in terms of that, also there was a joint public notice issued?

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1	further.	1	(The Witness was duly sworn.)
2	HEARING OFFICER: Mr. White?	2	HEARING OFFICER: If you will speak
3	MR. WHITE: Yes, sir.	3	up, please, I'm hard of hearing.
4	RECROSS EXAMINATION	4	THE WITNESS: Okay. Yes, sir.
5	BY MR. WHITE:	5	DIRECT EXAMINATION
6	Q. If you would look at Chapter 5, or	6	BY MR. LUDDER:
7	Section 5, of the operations manual, P-3	7	Q. Will you please state your name?
8	[verbatim], and if you could identify the name	8	A. Vernetta Holdren.
9	of that chapter?	9	Q. Ms. Holdren, my name is David
10	A. Chapter 5 is Water Management.	10	Ludder. I represent the Petitioners concerning
11	Q. And what is Section 5.4 of that	11	a challenge to the sanitary landfill excuse
12	chapter?	12	me the solid waste landfill permit issued to
13	A. Stormwater Runoff Control.	13	the City of Dothan. Would you tell us in what
14	Q. Does that relate to erosion?	14	part of ADEM you are employed?
15	A. Yes, it does.	15	A. I work in the Water Division in
16	MR. WHITE: That's all.	16	the industrial general NPDES permitting Section.
17	HEARING OFFICER: May this witness	17	Q. Okay. And what are your
18	be excused? Y'all may are y'all	18	responsibilities there?
19	going to recall him?	19	A. To review applications for general
20	MR. SASSER: Yeah, he can be	20	NOIs.
	excused.	_	Q. Could you tell us what NOIs are?
21	HEARING OFFICER: Is he excused	21	A. The NOIs are basically the forms
22	from the rule?	22	that a facility would submit to request coverage
23	from the rule:	23	that a facility would sublint to request coverage
	Page 517		Page 519
	1 age 517		Fage 519
1		1	under an individual I mean, not
1 2	MR. SASSER: Yes. May he be released? Because I think he's got	1 2	
	MR. SASSER: Yes. May he be		under an individual I mean, not
2	MR. SASSER: Yes. May he be released? Because I think he's got	2	under an individual I mean, not individual general NPDES permit.
2	MR. SASSER: Yes. May he be released? Because I think he's got places to go.	2	under an individual I mean, not individual general NPDES permit.  Q. And what does "NOI" stand for?
2 3 4	MR. SASSER: Yes. May he be released? Because I think he's got places to go.  HEARING OFFICER: Certainly.	2 3 4	under an individual I mean, not individual general NPDES permit. Q. And what does "NOI" stand for? A. Notice of intent.
2 3 4 5	MR. SASSER: Yes. May he be released? Because I think he's got places to go.  HEARING OFFICER: Certainly.  THE WITNESS: I'm going to Huntsville.	2 3 4 5	under an individual I mean, not individual general NPDES permit. Q. And what does "NOI" stand for? A. Notice of intent. Q. Okay. And any other
2 3 4 5 6	MR. SASSER: Yes. May he be released? Because I think he's got places to go.  HEARING OFFICER: Certainly.  THE WITNESS: I'm going to	2 3 4 5 6	under an individual I mean, not individual general NPDES permit. Q. And what does "NOI" stand for? A. Notice of intent. Q. Okay. And any other responsibilities?
2 3 4 5 6 7	MR. SASSER: Yes. May he be released? Because I think he's got places to go.  HEARING OFFICER: Certainly.  THE WITNESS: I'm going to Huntsville.  HEARING OFFICER: Have a good trip.	2 3 4 5 6 7	under an individual I mean, not individual general NPDES permit.  Q. And what does "NOI" stand for?  A. Notice of intent.  Q. Okay. And any other responsibilities?  A. Also to draft up general NPDES
2 3 4 5 6 7 8	MR. SASSER: Yes. May he be released? Because I think he's got places to go.  HEARING OFFICER: Certainly.  THE WITNESS: I'm going to  Huntsville.  HEARING OFFICER: Have a good trip.  THE WITNESS: Thank you.  HEARING OFFICER: David, do you	2 3 4 5 6 7 8	under an individual I mean, not individual general NPDES permit.  Q. And what does "NOI" stand for?  A. Notice of intent.  Q. Okay. And any other responsibilities?  A. Also to draft up general NPDES permits, review enforcement documents also,
2 3 4 5 6 7 8	MR. SASSER: Yes. May he be released? Because I think he's got places to go.  HEARING OFFICER: Certainly.  THE WITNESS: I'm going to  Huntsville.  HEARING OFFICER: Have a good trip.  THE WITNESS: Thank you.	2 3 4 5 6 7 8	under an individual I mean, not individual general NPDES permit.  Q. And what does "NOI" stand for?  A. Notice of intent.  Q. Okay. And any other responsibilities?  A. Also to draft up general NPDES permits, review enforcement documents also, inspections by field office area, and to take in complaints
2 3 4 5 6 7 8 9	MR. SASSER: Yes. May he be released? Because I think he's got places to go.  HEARING OFFICER: Certainly.  THE WITNESS: I'm going to Huntsville.  HEARING OFFICER: Have a good trip.  THE WITNESS: Thank you.  HEARING OFFICER: David, do you want to go with your next one, or do you need a break?	2 3 4 5 6 7 8 9	under an individual I mean, not individual general NPDES permit.  Q. And what does "NOI" stand for?  A. Notice of intent. Q. Okay. And any other responsibilities?  A. Also to draft up general NPDES permits, review enforcement documents also, inspections by field office area, and to take in
2 3 4 5 6 7 8 9 10	MR. SASSER: Yes. May he be released? Because I think he's got places to go.  HEARING OFFICER: Certainly.  THE WITNESS: I'm going to  Huntsville.  HEARING OFFICER: Have a good trip.  THE WITNESS: Thank you.  HEARING OFFICER: David, do you want to go with your next one, or do	2 3 4 5 6 7 8 9 10	under an individual I mean, not individual general NPDES permit.  Q. And what does "NOI" stand for?  A. Notice of intent.  Q. Okay. And any other responsibilities?  A. Also to draft up general NPDES permits, review enforcement documents also, inspections by field office area, and to take in complaints  Q. Okay.
2 3 4 5 6 7 8 9 10 11	MR. SASSER: Yes. May he be released? Because I think he's got places to go.  HEARING OFFICER: Certainly.  THE WITNESS: I'm going to  Huntsville.  HEARING OFFICER: Have a good trip.  THE WITNESS: Thank you.  HEARING OFFICER: David, do you want to go with your next one, or do you need a break?  MR. LUDDER: I'm good.	2 3 4 5 6 7 8 9 10 11	under an individual I mean, not individual general NPDES permit.  Q. And what does "NOI" stand for?  A. Notice of intent. Q. Okay. And any other responsibilities?  A. Also to draft up general NPDES permits, review enforcement documents also, inspections by field office area, and to take in complaints Q. Okay. A dealing with
2 3 4 5 6 7 8 9 10 11 12	MR. SASSER: Yes. May he be released? Because I think he's got places to go.  HEARING OFFICER: Certainly.  THE WITNESS: I'm going to  Huntsville.  HEARING OFFICER: Have a good trip.  THE WITNESS: Thank you.  HEARING OFFICER: David, do you want to go with your next one, or do you need a break?  MR. LUDDER: I'm good.  HEARING OFFICER: All right. Call	2 3 4 5 6 7 8 9 10 11 12	under an individual I mean, not individual general NPDES permit.  Q. And what does "NOI" stand for?  A. Notice of intent. Q. Okay. And any other responsibilities?  A. Also to draft up general NPDES permits, review enforcement documents also, inspections by field office area, and to take in complaints Q. Okay.  A dealing with stormwater general stormwater issues.
2 3 4 5 6 7 8 9 10 11 12 13	MR. SASSER: Yes. May he be released? Because I think he's got places to go.  HEARING OFFICER: Certainly.  THE WITNESS: I'm going to Huntsville.  HEARING OFFICER: Have a good trip.  THE WITNESS: Thank you.  HEARING OFFICER: David, do you want to go with your next one, or do you need a break?  MR. LUDDER: I'm good.  HEARING OFFICER: All right. Call your next witness.	2 3 4 5 6 7 8 9 10 11 12 13	under an individual I mean, not individual general NPDES permit.  Q. And what does "NOI" stand for?  A. Notice of intent.  Q. Okay. And any other responsibilities?  A. Also to draft up general NPDES permits, review enforcement documents also, inspections by field office area, and to take in complaints  Q. Okay.  A dealing with stormwater general stormwater issues.  Q. So you have a pretty broad area of
2 3 4 5 6 7 8 9 10 11 12 13 14	MR. SASSER: Yes. May he be released? Because I think he's got places to go.  HEARING OFFICER: Certainly.  THE WITNESS: I'm going to  Huntsville.  HEARING OFFICER: Have a good trip.  THE WITNESS: Thank you.  HEARING OFFICER: David, do you want to go with your next one, or do you need a break?  MR. LUDDER: I'm good.  HEARING OFFICER: All right. Call your next witness.  MR. LUDDER: All right. Let me	2 3 4 5 6 7 8 9 10 11 12 13 14	under an individual I mean, not individual general NPDES permit.  Q. And what does "NOI" stand for?  A. Notice of intent. Q. Okay. And any other responsibilities?  A. Also to draft up general NPDES permits, review enforcement documents also, inspections by field office area, and to take in complaints Q. Okay.  A dealing with stormwater general stormwater issues. Q. So you have a pretty broad area of responsibility?  A. I do. I do. The area that I
2 3 4 5 6 7 8 9 10 11 12 13 14 15	MR. SASSER: Yes. May he be released? Because I think he's got places to go.  HEARING OFFICER: Certainly.  THE WITNESS: I'm going to Huntsville.  HEARING OFFICER: Have a good trip.  THE WITNESS: Thank you.  HEARING OFFICER: David, do you want to go with your next one, or do you need a break?  MR. LUDDER: I'm good.  HEARING OFFICER: All right. Call your next witness.  MR. LUDDER: All right. Let me call Vernetta Holdren.  (A brief recess was taken.)	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	under an individual I mean, not individual general NPDES permit.  Q. And what does "NOI" stand for?  A. Notice of intent. Q. Okay. And any other responsibilities?  A. Also to draft up general NPDES permits, review enforcement documents also, inspections by field office area, and to take in complaints Q. Okay. A dealing with stormwater general stormwater issues. Q. So you have a pretty broad area of responsibility?
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	MR. SASSER: Yes. May he be released? Because I think he's got places to go.  HEARING OFFICER: Certainly.  THE WITNESS: I'm going to  Huntsville.  HEARING OFFICER: Have a good trip.  THE WITNESS: Thank you.  HEARING OFFICER: David, do you want to go with your next one, or do you need a break?  MR. LUDDER: I'm good.  HEARING OFFICER: All right. Call your next witness.  MR. LUDDER: All right. Let me call Vernetta Holdren.  (A brief recess was taken.)  HEARING OFFICER: All right. We are ready and back on the record.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	under an individual I mean, not individual general NPDES permit.  Q. And what does "NOI" stand for?  A. Notice of intent. Q. Okay. And any other responsibilities?  A. Also to draft up general NPDES permits, review enforcement documents also, inspections by field office area, and to take in complaints Q. Okay.  A dealing with stormwater general stormwater issues. Q. So you have a pretty broad area of responsibility?  A. I do. I do. The area that I handle, of course, is separated by counties, but I handle what I would call the southeastern portion of the state.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	MR. SASSER: Yes. May he be released? Because I think he's got places to go.  HEARING OFFICER: Certainly.  THE WITNESS: I'm going to  Huntsville.  HEARING OFFICER: Have a good trip.  THE WITNESS: Thank you.  HEARING OFFICER: David, do you want to go with your next one, or do you need a break?  MR. LUDDER: I'm good.  HEARING OFFICER: All right. Call your next witness.  MR. LUDDER: All right. Let me call Vernetta Holdren.  (A brief recess was taken.)  HEARING OFFICER: All right. We are ready and back on the record.  Ms. Holdren, our court reporter will	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	under an individual I mean, not individual general NPDES permit.  Q. And what does "NOI" stand for?  A. Notice of intent. Q. Okay. And any other responsibilities?  A. Also to draft up general NPDES permits, review enforcement documents also, inspections by field office area, and to take in complaints Q. Okay. A dealing with stormwater general stormwater issues. Q. So you have a pretty broad area of responsibility?  A. I do. I do. The area that I handle, of course, is separated by counties, but I handle what I would call the southeastern
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	MR. SASSER: Yes. May he be released? Because I think he's got places to go.  HEARING OFFICER: Certainly.  THE WITNESS: I'm going to Huntsville.  HEARING OFFICER: Have a good trip.  THE WITNESS: Thank you.  HEARING OFFICER: David, do you want to go with your next one, or do you need a break?  MR. LUDDER: I'm good.  HEARING OFFICER: All right. Call your next witness.  MR. LUDDER: All right. Let me call Vernetta Holdren.  (A brief recess was taken.)  HEARING OFFICER: All right. We are ready and back on the record.  Ms. Holdren, our court reporter will swear you in, if you'll raise your	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	under an individual I mean, not individual general NPDES permit.  Q. And what does "NOI" stand for?  A. Notice of intent. Q. Okay. And any other responsibilities?  A. Also to draft up general NPDES permits, review enforcement documents also, inspections by field office area, and to take in complaints Q. Okay. A dealing with stormwater general stormwater issues. Q. So you have a pretty broad area of responsibility?  A. I do. I do. The area that I handle, of course, is separated by counties, but I handle what I would call the southeastern portion of the state. Q. All right. Which includes Dothan? A. Dothan, uh-huh.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	MR. SASSER: Yes. May he be released? Because I think he's got places to go.  HEARING OFFICER: Certainly.  THE WITNESS: I'm going to  Huntsville.  HEARING OFFICER: Have a good trip.  THE WITNESS: Thank you.  HEARING OFFICER: David, do you want to go with your next one, or do you need a break?  MR. LUDDER: I'm good.  HEARING OFFICER: All right. Call your next witness.  MR. LUDDER: All right. Let me call Vernetta Holdren.  (A brief recess was taken.)  HEARING OFFICER: All right. We are ready and back on the record.  Ms. Holdren, our court reporter will	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	under an individual I mean, not individual general NPDES permit.  Q. And what does "NOI" stand for?  A. Notice of intent. Q. Okay. And any other responsibilities?  A. Also to draft up general NPDES permits, review enforcement documents also, inspections by field office area, and to take in complaints Q. Okay. A dealing with stormwater general stormwater issues. Q. So you have a pretty broad area of responsibility?  A. I do. I do. The area that I handle, of course, is separated by counties, but I handle what I would call the southeastern portion of the state. Q. All right. Which includes Dothan?

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1	ask you ask if you can identify that	1	A. Yes, sir.
2	document.	2	Q of the stormwater permit?
3	A. Yes. That's the cover page of our	3	A. Yes, sir.
4	general stormwater permit to the City of Dothan	4	Q. And with that NOI there was a map?
5	sanitary landfill.	5	A. There was a general map that was
6	Q. All right. Would you look beyond	6	attached to it that showed basically where the
7	the cover page and tell us if that is the	7	landfill is, as far as the highways and
8	complete permit?	8	everything like that.
9	A. Give me a minute. Yes, sir. I	9	Q. All right. Would that map show
10	would say it is.	10	discharge points?
11	Q. Okay. And I'm sorry to ask you	11	A. No, sir.
12	again, perhaps is this a permit for the	12	Q. No? On Page 5 of 7 of the NOI, in
13	Dothan landfill?	13	the bottom half of that page, there are
14	A. Yes, sir.	14	coordinates listed. Are those the coordinates
15	Q. Okay. And what kind of a permit	15	of the discharge points for stormwater?
16	is it?	16	A. It it is, according to what we
17	A. It's a general NPDES stormwater	17	were asking them. This is the latitude and
18	permit.	18	longitude of the point where it's discharged and
19	Q. Stormwater permit?	19	exits your property. Also, sometimes, we ask
20	A. Yes, sir.	20	them to show us or give us the coordinates for
21	Q. Is it a permit for the discharge	21	the sampling point. Sometimes your sampling
22	of fill material into wetlands?	22	point would be different from your discharge
23	A. No, sir.	23	point. Your discharge point would, of course,
	Page 521		Page 523
1	Q. Is it a permit for the discharge	1	be the point where the stormwater exits your
2	of fill material into streams?	2	property. But if there is no clean way to get a
3	A. No, sir.	3	clean sample, they may have to move their sample
4	Q. Okay. Attached to the permit, or	4	point in. And so, therefore, sometimes that
5	perhaps part of the permit, is the Notice of	5	would be technically, your sample point, or your
6	Intent?	6	discharge point on your Notice of Intent.
7	A. Yes, sir.	7	Q. Okay. Did you make an attempt to
8	Q. Could you turn to that? Is a map	8	identify on a map where these coordinates are?
9	of the proposed discharge points supposed to be	9	A. We I did as far as looking at
10	provided with a Notice of Intent?	10	them to make sure that the area would coordinate
11	A. Well, we ask for, at the back of	11	with what they stated as far as the longitude
12	it, for a map, and it's basically just the	12	and latitude that they gave us. We have this
13	drawing of the facility and then the major	13	Google map so and on that map, just showing
14	highways. I would say as long as I've been	14	to make sure that the receiving stream that they
15	here, we would like it, but it's not actually a	15	put down was close to what exactly what the
16	requirement of where the discharge points would	16	point would be discharged into.
17	be.	17	Q. So the receiving stream that they

with this NOI?

reissuance --

18

19

20

21

22

23

Q. Okay. Is there a map provided

A. Not for this NOI, which is the

Q. So there was an earlier

modification. There was one for the reissuance.

18

19

20

21

22

23

put down in each of these cases, it looks to me

Q. And the purpose of you looking on

like it's an unnamed tributary of Golf Creek?

coordinates they gave are close enough to the

Google maps was to determine that the

A. Of Golf Creek.

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1	tributary to say that that's probably where	1	recall any points discharge points being
2	A. Correct, because you have some	2	found within that green area?
3	facilities that have a couple different water	3	A. Let's see. I can't remember. I
4	bodies of the State by the facilities, and we're	4	can't really remember on that end.
5	just trying to make sure that it's draining to	5	Q. Okay. That's fine. In Exhibit
6	that correct creek.	6	P-5, there is a diagram labeled, Base Grading
7	Q. Okay. I don't know if you recall	7	Plan Municipal Solid Waste Expansion, and it's
8	from your work. If you look at Exhibit P-5,	8	marked as Sheet Number 3. Have you seen this
9	the we have a diagram of a Boundary	9	diagram before?
10	Sketch, it's called, of the landfill facility.	10	A. No, sir.
11	It includes an existing landfill, and a proposed	11	Q. You have not?
12	landfill expansion. Do you recall from your	12	A. Uh-uh (negative response).
13	work where Golf Creek is?	13	Q. Did the Solid Waste Branch refer
14	A. On the map that was submitted with	14	any information to you about the stormwater
15	the reissuance, there was something coming	15	runoff from this proposed expansion?
16	through here, I think. But off of this map, I	16	A. No, sir.
17	really can't tell.	17	Q. Okay. Are you an engineer?
18	Q. Off of this map, you can't tell?	18	A. No, sir. I'm an environmental
19	Can you tell where the unnamed tributaries of	19	scientist.
20	Golf Creek are that they're referring to?	20	Q. Environmental scientist?
21	A. Well, from okay. The unnamed	21	A. Yes, sir.
22	tributaries as far as what the the	22	Q. Okay. Have you seen drawings like
23	points see, that's the thing. The points	23	this before?
	Page 525		Page 527
	itself I went to say were over in this eree		A. I have.
2	itself, I want to say, were over in this area, in the	1 2	Q. All right. On this drawing, there
3	Q. And you're pointing to the east	3	are three sediment ponds shown. Do you see
4	of	4	that?
5	A. Yes, sir.	5	A. Uh-huh (affirmative response).
6	Q the pink area and the green	6	Q. And there are also, associated
7	area?	7	with each sediment pond, an overflow spillway.
8	A. According to now, the	8	Do you see that?
9	first yeah. Yeah, over in this area.	9	A. Uh-huh, yes, sir.
10	Q. All right. And "this area,"	10	Q. Would those be the discharge
11	you're still pointing to the east of the pink	11	points that are covered by the general NPDES
12	area and the green area, correct?	12	permit that you worked on?
13	A. Correct.	13	A. Are these would this be the
14	Q. You're not pointing to any area	14	area because they're covered for stormwater
15	within the green area; is that right?	15	discharges that do not contain leachate from
16	A. So I didn't have a map for the	16	active and inactive landfills.
17	modification, but as far as Google Earth, they	17	Q. Right.
18	were still you had one up here, which was the	18	A. So if that area does not contain
19	existing one, and then coming on around here	19	leachate, that should be the stormwater points.
1			-
20	when I checked it, so	20	And you're seeing here?
20 21	when I checked it, so Q. All right. My question is: Do	20 21	And you're seeing here?  Q. There's an overflow spillway

area? This is the landfill expansion. Do you

are those the discharge points that you think

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1	are covered by the NPDES general permit that you	1	the stormwater runoff from petroleum storage and
2	worked on?	2	fueling areas onsite.
3	A. I would say I think so, but we	3	Q. All right.
4	don't actually review those type of plans.	4	A. Page 5 is the uncontaminated
5	Q. Okay, okay.	5	stormwater from equipment maintenance and
6	A. I'll put it like that. We just go	6	storage and petroleum storage and handling
7	by the coordinates, which are provided for on	7	areas.
8	the Notice of Intent.	8	This particular outfall is more of a
9	Q. Okay.	9	certification outfall. It's not a monitoring
10	A. So I can't honestly say yes or no	10	outfall.
11	on that.	11	Q. Okay.
12	Q. Okay. Do you know that was any	12	A. Page 6 is the exterior vehicle,
13	information provided to you that the landfill	13	automobile, and equipment exterior washing
14	expansion was going to include sediment ponds?	14	operations that do not use solvents and have not
15	A. Not on our information not on	15	come in direct contact with solid waste at the
16	our side.	16	facility.
17	Q. No? So the NOI doesn't indicate	17	Q. All right. And those are all the
18	sediment ponds?	18	outfalls that are authorized by this permit?
19	A. Not that I can remember. However,	19	A. Yes, sir.
20	there may be a question as far as Best	20	Q. And not one of those refers to the
21	Management Practices or controls, and it may	21	discharge of fill material into wetlands?
22	have been mentioned as another. But I can't say	22	A. No, sir.
23	that the 2015 application without looking at	23	Q. And not one of them refers to the
	Page 529		Page 531
1	it to see if there was a sediment pond	1	discharge of fill material into streams?
2	mentioned.	2	A. Correct.
3	Q. Okay. All right. Now, the now	3	Q. Correct?
4	Exhibit J-14, which we were looking at, which I	4	A. Correct.
5	believe I just threw away. Yeah. That	5	Q. Is it possible that someone else
6	specifies the types of discharges that are	6	in your division might have received information
7	authorized, correct?	7	from the Solid Waste Branch about this proposed
8	A. Yes, sir. As far as the	8	facility?
9	outfalls, you're asking describe the outfalls	9	A. Yes.
10	in the permit?	10	Q. Any idea why it would not come to
11	Q. What kind of discharges are	11	you?
12	authorized by that permit?	12	A. I don't.
13	A. By this permit, you have	13	Q. Should it have come to you?
14	the stormwater stormwater discharges which do	14	A. It would have. If I'm saying
15	not contain leachate from active or inactive	15	if we did receive it. Nine times out of ten, if

landfills, transfer stations; including land

18 technical staff, which I -- I'm that person for that area. 19 Q. Right. 20 A. So if I didn't receive anything or 21 22 get anything, nine times out of ten, I'm saying that upper-level management did not receive 23

another division, it trickles down to the

upper-level management receives anything from

16

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1	anything.	1	A. Correct.
2	Q. Right.	2	Q. What is your or where are you
3	MR. LUDDER: No further questions.	3	employed?
4	HEARING OFFICER: Cross?	4	A. I'm employed at CDG Engineers &
5	MR. CARTER: No questions.	5	Associates in Andalusia, Alabama.
6	HEARING OFFICER: Mr. White?	6	Q. And in what capacity?
7	MR. WHITE: No.	7	A. I'm a registered professional
8	HEARING OFFICER: May this Witness	8	engineer acting as a project manager and branch
9	be excused?	9	manager.
10	MR. LUDDER: Yes, Your Honor.	10	Q. Okay. And did you work on the
11	MR. SASSER: Sure, absolutely.	11	Dothan landfill permit application?
12	HEARING OFFICER: You're excused.	12	A. I did.
13	MR. LUDDER: I move the admission	13	Q. And did you were you the senior
14	of J-14.	14	project manager on that?
15	HEARING OFFICER: All right. What	15	A. Yes, sir. I'm the engineer of
16	was that?	16	record for CDG on the project.
17	MR. LUDDER: It was the NPDES	17	Q. Okay. And you put your seal on
18	permit, NPDES general permit.	18	the application
19	HEARING OFFICER: It's admitted.	19	A. I did.
20	(Exhibit No. J-14 was admitted	20	Q materials?
21	into evidence.)	21	A. I did.
22	HEARING OFFICER: And excused from	22	Q. Okay. Did anybody else in your
23	the rule?	23	organization work on the application?
	Page 533		Down E2E
	1 age eee		Page 535
1		1	
1	MR. SASSER: Yes, sir.	1	A. Yes.
2	MR. SASSER: Yes, sir. HEARING OFFICER: Okay. There you	2	<ul><li>A. Yes.</li><li>Q. Who would that be?</li></ul>
2	MR. SASSER: Yes, sir. HEARING OFFICER: Okay. There you go.	2	<ul><li>A. Yes.</li><li>Q. Who would that be?</li><li>A. Sarah Sightler, project engineer.</li></ul>
2 3 4	MR. SASSER: Yes, sir. HEARING OFFICER: Okay. There you go. THE WITNESS: Thank you for your	2 3 4	<ul><li>A. Yes.</li><li>Q. Who would that be?</li><li>A. Sarah Sightler, project engineer.</li><li>Q. Okay. Is that pretty much it?</li></ul>
2 3 4 5	MR. SASSER: Yes, sir. HEARING OFFICER: Okay. There you go. THE WITNESS: Thank you for your time.	2 3 4 5	<ul><li>A. Yes.</li><li>Q. Who would that be?</li><li>A. Sarah Sightler, project engineer.</li><li>Q. Okay. Is that pretty much it?</li><li>A. No. We had a large team. Joe</li></ul>
2 3 4 5 6	MR. SASSER: Yes, sir. HEARING OFFICER: Okay. There you go. THE WITNESS: Thank you for your time. HEARING OFFICER: You have the rest	2 3 4 5 6	<ul> <li>A. Yes.</li> <li>Q. Who would that be?</li> <li>A. Sarah Sightler, project engineer.</li> <li>Q. Okay. Is that pretty much it?</li> <li>A. No. We had a large team. Joe</li> <li>Adams, who's also an engineer, and,</li> </ul>
2 3 4 5 6 7	MR. SASSER: Yes, sir. HEARING OFFICER: Okay. There you go. THE WITNESS: Thank you for your time. HEARING OFFICER: You have the rest of the day off.	2 3 4 5 6 7	A. Yes. Q. Who would that be? A. Sarah Sightler, project engineer. Q. Okay. Is that pretty much it? A. No. We had a large team. Joe Adams, who's also an engineer, and, additionally, we had surveyors and
2 3 4 5 6 7 8	MR. SASSER: Yes, sir. HEARING OFFICER: Okay. There you go. THE WITNESS: Thank you for your time. HEARING OFFICER: You have the rest of the day off. THE WITNESS: Thank you.	2 3 4 5 6 7 8	A. Yes. Q. Who would that be? A. Sarah Sightler, project engineer. Q. Okay. Is that pretty much it? A. No. We had a large team. Joe Adams, who's also an engineer, and, additionally, we had surveyors and subconsultants working on the project.
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2 3 4 5 6 7 8 9	MR. SASSER: Yes, sir. HEARING OFFICER: Okay. There you go. THE WITNESS: Thank you for your time. HEARING OFFICER: You have the rest of the day off. THE WITNESS: Thank you. MR. LUDDER: The Petitioners call Daniel Wells.	2 3 4 5 6 7 8 9	A. Yes. Q. Who would that be? A. Sarah Sightler, project engineer. Q. Okay. Is that pretty much it? A. No. We had a large team. Joe Adams, who's also an engineer, and, additionally, we had surveyors and subconsultants working on the project. Q. Were you also associated with preparing the Notice of Intent, referred to as
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2 3 4 5 6 7 8 9 10 11	MR. SASSER: Yes, sir. HEARING OFFICER: Okay. There you go. THE WITNESS: Thank you for your time. HEARING OFFICER: You have the rest of the day off. THE WITNESS: Thank you. MR. LUDDER: The Petitioners call Daniel Wells. (The Witness was duly sworn.) HEARING OFFICER: Speak up for us.	2 3 4 5 6 7 8 9 10 11	A. Yes. Q. Who would that be? A. Sarah Sightler, project engineer. Q. Okay. Is that pretty much it? A. No. We had a large team. Joe Adams, who's also an engineer, and, additionally, we had surveyors and subconsultants working on the project. Q. Were you also associated with preparing the Notice of Intent, referred to as an NOI, for an NPDES permit from the Department? A. Yes.
2 3 4 5 6 7 8 9 10 11 12 13	MR. SASSER: Yes, sir. HEARING OFFICER: Okay. There you go. THE WITNESS: Thank you for your time. HEARING OFFICER: You have the rest of the day off. THE WITNESS: Thank you. MR. LUDDER: The Petitioners call Daniel Wells. (The Witness was duly sworn.) HEARING OFFICER: Speak up for us. THE WITNESS: Yes, sir.	2 3 4 5 6 7 8 9 10 11 12 13	A. Yes. Q. Who would that be? A. Sarah Sightler, project engineer. Q. Okay. Is that pretty much it? A. No. We had a large team. Joe Adams, who's also an engineer, and, additionally, we had surveyors and subconsultants working on the project. Q. Were you also associated with preparing the Notice of Intent, referred to as an NOI, for an NPDES permit from the Department? A. Yes. Q. And if you would, look at Exhibit
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2 3 4 5 6 7 8 9 10 11 12 13 14	MR. SASSER: Yes, sir. HEARING OFFICER: Okay. There you go. THE WITNESS: Thank you for your time. HEARING OFFICER: You have the rest of the day off. THE WITNESS: Thank you. MR. LUDDER: The Petitioners call Daniel Wells. (The Witness was duly sworn.) HEARING OFFICER: Speak up for us. THE WITNESS: Yes, sir. DIRECT EXAMINATION BY MR. LUDDER:	2 3 4 5 6 7 8 9 10 11 12 13 14	A. Yes. Q. Who would that be? A. Sarah Sightler, project engineer. Q. Okay. Is that pretty much it? A. No. We had a large team. Joe Adams, who's also an engineer, and, additionally, we had surveyors and subconsultants working on the project. Q. Were you also associated with preparing the Notice of Intent, referred to as an NOI, for an NPDES permit from the Department? A. Yes. Q. And if you would, look at Exhibit J-14. A. There it is right there.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	MR. SASSER: Yes, sir. HEARING OFFICER: Okay. There you go. THE WITNESS: Thank you for your time. HEARING OFFICER: You have the rest of the day off. THE WITNESS: Thank you. MR. LUDDER: The Petitioners call Daniel Wells. (The Witness was duly sworn.) HEARING OFFICER: Speak up for us. THE WITNESS: Yes, sir. DIRECT EXAMINATION BY MR. LUDDER: Q. Please state your name.	2 3 4 5 6 7 8 9 10 11 12 13 14 15	A. Yes. Q. Who would that be? A. Sarah Sightler, project engineer. Q. Okay. Is that pretty much it? A. No. We had a large team. Joe Adams, who's also an engineer, and, additionally, we had surveyors and subconsultants working on the project. Q. Were you also associated with preparing the Notice of Intent, referred to as an NOI, for an NPDES permit from the Department? A. Yes. Q. And if you would, look at Exhibit J-14. A. There it is right there. Q. And if you would, turn to the NOI,
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	MR. SASSER: Yes, sir. HEARING OFFICER: Okay. There you go. THE WITNESS: Thank you for your time. HEARING OFFICER: You have the rest of the day off. THE WITNESS: Thank you. MR. LUDDER: The Petitioners call Daniel Wells. (The Witness was duly sworn.) HEARING OFFICER: Speak up for us. THE WITNESS: Yes, sir. DIRECT EXAMINATION BY MR. LUDDER: Q. Please state your name. A. Ralph Daniel Wells.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A. Yes. Q. Who would that be? A. Sarah Sightler, project engineer. Q. Okay. Is that pretty much it? A. No. We had a large team. Joe Adams, who's also an engineer, and, additionally, we had surveyors and subconsultants working on the project. Q. Were you also associated with preparing the Notice of Intent, referred to as an NOI, for an NPDES permit from the Department? A. Yes. Q. And if you would, look at Exhibit J-14. A. There it is right there. Q. And if you would, turn to the NOI, which is attached to the permit itself. If you
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	MR. SASSER: Yes, sir. HEARING OFFICER: Okay. There you go. THE WITNESS: Thank you for your time. HEARING OFFICER: You have the rest of the day off. THE WITNESS: Thank you. MR. LUDDER: The Petitioners call Daniel Wells. (The Witness was duly sworn.) HEARING OFFICER: Speak up for us. THE WITNESS: Yes, sir. DIRECT EXAMINATION BY MR. LUDDER: Q. Please state your name. A. Ralph Daniel Wells. Q. Mr. Wells, you have been in the	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	A. Yes. Q. Who would that be? A. Sarah Sightler, project engineer. Q. Okay. Is that pretty much it? A. No. We had a large team. Joe Adams, who's also an engineer, and, additionally, we had surveyors and subconsultants working on the project. Q. Were you also associated with preparing the Notice of Intent, referred to as an NOI, for an NPDES permit from the Department? A. Yes. Q. And if you would, look at Exhibit J-14. A. There it is right there. Q. And if you would, turn to the NOI, which is attached to the permit itself. If you would, go to the last page of that NOI and tell
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	MR. SASSER: Yes, sir. HEARING OFFICER: Okay. There you go. THE WITNESS: Thank you for your time. HEARING OFFICER: You have the rest of the day off. THE WITNESS: Thank you. MR. LUDDER: The Petitioners call Daniel Wells. (The Witness was duly sworn.) HEARING OFFICER: Speak up for us. THE WITNESS: Yes, sir. DIRECT EXAMINATION BY MR. LUDDER: Q. Please state your name. A. Ralph Daniel Wells. Q. Mr. Wells, you have been in the hearing room, I think, for the entire proceedings; is that right?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. Yes. Q. Who would that be? A. Sarah Sightler, project engineer. Q. Okay. Is that pretty much it? A. No. We had a large team. Joe Adams, who's also an engineer, and, additionally, we had surveyors and subconsultants working on the project. Q. Were you also associated with preparing the Notice of Intent, referred to as an NOI, for an NPDES permit from the Department? A. Yes. Q. And if you would, look at Exhibit J-14. A. There it is right there. Q. And if you would, turn to the NOI, which is attached to the permit itself. If you would, go to the last page of that NOI and tell us if you signed that document. A. My name is printed on the
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	MR. SASSER: Yes, sir. HEARING OFFICER: Okay. There you go. THE WITNESS: Thank you for your time. HEARING OFFICER: You have the rest of the day off. THE WITNESS: Thank you. MR. LUDDER: The Petitioners call Daniel Wells. (The Witness was duly sworn.) HEARING OFFICER: Speak up for us. THE WITNESS: Yes, sir. DIRECT EXAMINATION BY MR. LUDDER: Q. Please state your name. A. Ralph Daniel Wells. Q. Mr. Wells, you have been in the hearing room, I think, for the entire proceedings; is that right? A. I have.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. Yes. Q. Who would that be? A. Sarah Sightler, project engineer. Q. Okay. Is that pretty much it? A. No. We had a large team. Joe Adams, who's also an engineer, and, additionally, we had surveyors and subconsultants working on the project. Q. Were you also associated with preparing the Notice of Intent, referred to as an NOI, for an NPDES permit from the Department? A. Yes. Q. And if you would, look at Exhibit J-14. A. There it is right there. Q. And if you would, turn to the NOI, which is attached to the permit itself. If you would, go to the last page of that NOI and tell us if you signed that document. A. My name is printed on the document, including the firm, CDG Engineers.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	MR. SASSER: Yes, sir. HEARING OFFICER: Okay. There you go. THE WITNESS: Thank you for your time. HEARING OFFICER: You have the rest of the day off. THE WITNESS: Thank you. MR. LUDDER: The Petitioners call Daniel Wells. (The Witness was duly sworn.) HEARING OFFICER: Speak up for us. THE WITNESS: Yes, sir. DIRECT EXAMINATION BY MR. LUDDER: Q. Please state your name. A. Ralph Daniel Wells. Q. Mr. Wells, you have been in the hearing room, I think, for the entire proceedings; is that right?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. Yes. Q. Who would that be? A. Sarah Sightler, project engineer. Q. Okay. Is that pretty much it? A. No. We had a large team. Joe Adams, who's also an engineer, and, additionally, we had surveyors and subconsultants working on the project. Q. Were you also associated with preparing the Notice of Intent, referred to as an NOI, for an NPDES permit from the Department? A. Yes. Q. And if you would, look at Exhibit J-14. A. There it is right there. Q. And if you would, turn to the NOI, which is attached to the permit itself. If you would, go to the last page of that NOI and tell us if you signed that document. A. My name is printed on the

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	Page 536		Page 538
1	regard to that permit?	1	minimized sedimentation into into the outfall
2	A. The NOI is prepared by a	2	and into a receiving stream.
3	consultant, or someone other than an employee of	3	Q. All right. So the theory, I
4	the facility.	4	guess, is that any stormwater that falls on the
5	Q. And it indicates that you were the	5	landfill will flow into the sedimentation pond?
6	one that did that	6	A. Yes. The runoff from the
7	A. It does.	7	landfill the ponds are not designed to handle
8	Q that you prepared it, correct?	8	run-on water, which is differentiated by offsite
9	A. Correct.	9	lands, flowing into the facility. They're
10	Q. Okay. Are you familiar with the	10	not they're not designed to capture that
11	coordinates that are described in the NOI	11	run-on water.
12	A. I am.	12	Q. Okay. Now, on this Sheet Number 3
13	Q for discharge points? And	13	is also shown several places called "overflow
14	what do those represent?	14	spillways." Do you see those?
15	A. They represent a combination of	15	A. I do.
16	existing outfalls as well as outfalls that were	16	Q. Are those close to, or are they
17	incorporated into the facility as part of the	17	the discharge points that you listed in the
18	solid waste permit.	18	Notice of Intent?
19	Q. Okay. Are those outfalls from	19	A. They are close to the
20	sedimentation ponds?	20	discharges listed in the Notice of Intent are
21	A. There are outfalls from	21	tied to the outlet structure, rather than the
22	sedimentation ponds in these coordinates, as	22	overflow spillway.
23	well the vehicle wash area outfall.	23	Q. Okay. Can you identify where
	Page 537		Page 539
1		1	Page 539 those outlet structures are?
1 2	Q. Vehicle wash? Okay. Are any of those outfalls for the discharge of fill	1 2	
	Q. Vehicle wash? Okay. Are any of		those outlet structures are?
2	Q. Vehicle wash? Okay. Are any of those outfalls for the discharge of fill	2	those outlet structures are?  A. I can. They're identified on this
2	Q. Vehicle wash? Okay. Are any of those outfalls for the discharge of fill material into wetlands?	2	those outlet structures are?  A. I can. They're identified on this sheet as, Pond Outlet Structure, with a pipe
2 3 4	Q. Vehicle wash? Okay. Are any of those outfalls for the discharge of fill material into wetlands?  A. No.	2 3 4	those outlet structures are?  A. I can. They're identified on this sheet as, Pond Outlet Structure, with a pipe leading, specific information related to the
2 3 4 5	Q. Vehicle wash? Okay. Are any of those outfalls for the discharge of fill material into wetlands?  A. No.  Q. Are any of those outfalls for the	2 3 4 5	those outlet structures are?  A. I can. They're identified on this sheet as, Pond Outlet Structure, with a pipe leading, specific information related to the design at each stormwater outlet structure.
2 3 4 5 6	Q. Vehicle wash? Okay. Are any of those outfalls for the discharge of fill material into wetlands?  A. No. Q. Are any of those outfalls for the discharge of fill material into streams?	2 3 4 5 6	those outlet structures are?  A. I can. They're identified on this sheet as, Pond Outlet Structure, with a pipe leading, specific information related to the design at each stormwater outlet structure.  Q. Okay.
2 3 4 5 6 7	Q. Vehicle wash? Okay. Are any of those outfalls for the discharge of fill material into wetlands?  A. No.  Q. Are any of those outfalls for the discharge of fill material into streams?  A. No.	2 3 4 5 6 7	those outlet structures are?  A. I can. They're identified on this sheet as, Pond Outlet Structure, with a pipe leading, specific information related to the design at each stormwater outlet structure.  Q. Okay.  A. There's there's an existing
2 3 4 5 6 7 8	Q. Vehicle wash? Okay. Are any of those outfalls for the discharge of fill material into wetlands?  A. No. Q. Are any of those outfalls for the discharge of fill material into streams?  A. No. Q. And let's look at Exhibit P-5,	2 3 4 5 6 7 8	those outlet structures are?  A. I can. They're identified on this sheet as, Pond Outlet Structure, with a pipe leading, specific information related to the design at each stormwater outlet structure.  Q. Okay.  A. There's there's an existing  NPDES overflow outfall here that we left in the
2 3 4 5 6 7 8 9	Q. Vehicle wash? Okay. Are any of those outfalls for the discharge of fill material into wetlands?  A. No. Q. Are any of those outfalls for the discharge of fill material into streams?  A. No. Q. And let's look at Exhibit P-5, which is the Base Grading Plan, Sheet Number 3.	2 3 4 5 6 7 8	those outlet structures are?  A. I can. They're identified on this sheet as, Pond Outlet Structure, with a pipe leading, specific information related to the design at each stormwater outlet structure.  Q. Okay.  A. There's there's an existing  NPDES overflow outfall here that we left in the NOI.
2 3 4 5 6 7 8 9	Q. Vehicle wash? Okay. Are any of those outfalls for the discharge of fill material into wetlands?  A. No. Q. Are any of those outfalls for the discharge of fill material into streams?  A. No. Q. And let's look at Exhibit P-5, which is the Base Grading Plan, Sheet Number 3. And you see sedimentation ponds on there, correct?  A. Yes.	2 3 4 5 6 7 8 9	those outlet structures are?  A. I can. They're identified on this sheet as, Pond Outlet Structure, with a pipe leading, specific information related to the design at each stormwater outlet structure.  Q. Okay.  A. There's there's an existing NPDES overflow outfall here that we left in the NOI.  Q. Okay. All right. Were you involved in developing the list of adjoining property owners that's in Exhibit J-3, Part I?
2 3 4 5 6 7 8 9 10	Q. Vehicle wash? Okay. Are any of those outfalls for the discharge of fill material into wetlands?  A. No. Q. Are any of those outfalls for the discharge of fill material into streams? A. No. Q. And let's look at Exhibit P-5, which is the Base Grading Plan, Sheet Number 3. And you see sedimentation ponds on there, correct?  A. Yes. Q. And there are three, correct?	2 3 4 5 6 7 8 9 10	those outlet structures are?  A. I can. They're identified on this sheet as, Pond Outlet Structure, with a pipe leading, specific information related to the design at each stormwater outlet structure.  Q. Okay.  A. There's there's an existing  NPDES overflow outfall here that we left in the NOI.  Q. Okay. All right. Were you involved in developing the list of adjoining property owners that's in Exhibit J-3, Part I?  A. Do you have a tab?
2 3 4 5 6 7 8 9 10 11	Q. Vehicle wash? Okay. Are any of those outfalls for the discharge of fill material into wetlands?  A. No. Q. Are any of those outfalls for the discharge of fill material into streams? A. No. Q. And let's look at Exhibit P-5, which is the Base Grading Plan, Sheet Number 3. And you see sedimentation ponds on there, correct?  A. Yes. Q. And there are three, correct? A. There are.	2 3 4 5 6 7 8 9 10 11	those outlet structures are?  A. I can. They're identified on this sheet as, Pond Outlet Structure, with a pipe leading, specific information related to the design at each stormwater outlet structure.  Q. Okay.  A. There's there's an existing  NPDES overflow outfall here that we left in the NOI.  Q. Okay. All right. Were you involved in developing the list of adjoining property owners that's in Exhibit J-3, Part I?  A. Do you have a tab?  Q. I have a it may be tabbed.
2 3 4 5 6 7 8 9 10 11 12 13	Q. Vehicle wash? Okay. Are any of those outfalls for the discharge of fill material into wetlands?  A. No. Q. Are any of those outfalls for the discharge of fill material into streams? A. No. Q. And let's look at Exhibit P-5, which is the Base Grading Plan, Sheet Number 3. And you see sedimentation ponds on there, correct?  A. Yes. Q. And there are three, correct? A. There are. Q. Let's switch this around. Now, do	2 3 4 5 6 7 8 9 10 11 12	those outlet structures are?  A. I can. They're identified on this sheet as, Pond Outlet Structure, with a pipe leading, specific information related to the design at each stormwater outlet structure.  Q. Okay.  A. There's there's an existing NPDES overflow outfall here that we left in the NOI.  Q. Okay. All right. Were you involved in developing the list of adjoining property owners that's in Exhibit J-3, Part I?  A. Do you have a tab?  Q. I have a it may be tabbed.  What is it, Appendix 4.1? Were you involved in
2 3 4 5 6 7 8 9 10 11 12 13	Q. Vehicle wash? Okay. Are any of those outfalls for the discharge of fill material into wetlands?  A. No. Q. Are any of those outfalls for the discharge of fill material into streams? A. No. Q. And let's look at Exhibit P-5, which is the Base Grading Plan, Sheet Number 3. And you see sedimentation ponds on there, correct?  A. Yes. Q. And there are three, correct? A. There are. Q. Let's switch this around. Now, do those sedimentation ponds collect stormwater	2 3 4 5 6 7 8 9 10 11 12 13	those outlet structures are?  A. I can. They're identified on this sheet as, Pond Outlet Structure, with a pipe leading, specific information related to the design at each stormwater outlet structure.  Q. Okay.  A. There's there's an existing  NPDES overflow outfall here that we left in the NOI.  Q. Okay. All right. Were you involved in developing the list of adjoining property owners that's in Exhibit J-3, Part I?  A. Do you have a tab?  Q. I have a it may be tabbed.  What is it, Appendix 4.1? Were you involved in preparing that list?
2 3 4 5 6 7 8 9 10 11 12 13 14	Q. Vehicle wash? Okay. Are any of those outfalls for the discharge of fill material into wetlands?  A. No. Q. Are any of those outfalls for the discharge of fill material into streams? A. No. Q. And let's look at Exhibit P-5, which is the Base Grading Plan, Sheet Number 3. And you see sedimentation ponds on there, correct?  A. Yes. Q. And there are three, correct? A. There are. Q. Let's switch this around. Now, do those sedimentation ponds collect stormwater off the landfill?	2 3 4 5 6 7 8 9 10 11 12 13 14	those outlet structures are?  A. I can. They're identified on this sheet as, Pond Outlet Structure, with a pipe leading, specific information related to the design at each stormwater outlet structure.  Q. Okay.  A. There's there's an existing  NPDES overflow outfall here that we left in the NOI.  Q. Okay. All right. Were you involved in developing the list of adjoining property owners that's in Exhibit J-3, Part I?  A. Do you have a tab?  Q. I have a it may be tabbed.  What is it, Appendix 4.1? Were you involved in preparing that list?  A. Yes. I believe this is the list
2 3 4 5 6 7 8 9 10 11 12 13 14 15	Q. Vehicle wash? Okay. Are any of those outfalls for the discharge of fill material into wetlands?  A. No. Q. Are any of those outfalls for the discharge of fill material into streams? A. No. Q. And let's look at Exhibit P-5, which is the Base Grading Plan, Sheet Number 3. And you see sedimentation ponds on there, correct?  A. Yes. Q. And there are three, correct? A. There are. Q. Let's switch this around. Now, do those sedimentation ponds collect stormwater off the landfill? A. They do.	2 3 4 5 6 7 8 9 10 11 12 13 14 15	those outlet structures are?  A. I can. They're identified on this sheet as, Pond Outlet Structure, with a pipe leading, specific information related to the design at each stormwater outlet structure.  Q. Okay.  A. There's there's an existing  NPDES overflow outfall here that we left in the NOI.  Q. Okay. All right. Were you involved in developing the list of adjoining property owners that's in Exhibit J-3, Part I?  A. Do you have a tab?  Q. I have a it may be tabbed.  What is it, Appendix 4.1? Were you involved in preparing that list?  A. Yes. I believe this is the list that was prepared at the time of permit
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Q. Vehicle wash? Okay. Are any of those outfalls for the discharge of fill material into wetlands?  A. No. Q. Are any of those outfalls for the discharge of fill material into streams? A. No. Q. And let's look at Exhibit P-5, which is the Base Grading Plan, Sheet Number 3. And you see sedimentation ponds on there, correct?  A. Yes. Q. And there are three, correct? A. There are. Q. Let's switch this around. Now, do those sedimentation ponds collect stormwater off the landfill? A. They do. Q. And they what's the concept	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	those outlet structures are?  A. I can. They're identified on this sheet as, Pond Outlet Structure, with a pipe leading, specific information related to the design at each stormwater outlet structure.  Q. Okay.  A. There's there's an existing  NPDES overflow outfall here that we left in the NOI.  Q. Okay. All right. Were you involved in developing the list of adjoining property owners that's in Exhibit J-3, Part I?  A. Do you have a tab?  Q. I have a it may be tabbed.  What is it, Appendix 4.1? Were you involved in preparing that list?  A. Yes. I believe this is the list that was prepared at the time of permit application
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Q. Vehicle wash? Okay. Are any of those outfalls for the discharge of fill material into wetlands?  A. No. Q. Are any of those outfalls for the discharge of fill material into streams? A. No. Q. And let's look at Exhibit P-5, which is the Base Grading Plan, Sheet Number 3. And you see sedimentation ponds on there, correct?  A. Yes. Q. And there are three, correct? A. There are. Q. Let's switch this around. Now, do those sedimentation ponds collect stormwater off the landfill?  A. They do. Q. And they what's the concept behind collecting stormwater off the landfill?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. I can. They're identified on this sheet as, Pond Outlet Structure, with a pipe leading, specific information related to the design at each stormwater outlet structure.  Q. Okay.  A. There's there's an existing  NPDES overflow outfall here that we left in the NOI.  Q. Okay. All right. Were you involved in developing the list of adjoining property owners that's in Exhibit J-3, Part I?  A. Do you have a tab?  Q. I have a it may be tabbed.  What is it, Appendix 4.1? Were you involved in preparing that list?  A. Yes. I believe this is the list that was prepared at the time of permit application  Q. Okay.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. Vehicle wash? Okay. Are any of those outfalls for the discharge of fill material into wetlands?  A. No. Q. Are any of those outfalls for the discharge of fill material into streams? A. No. Q. And let's look at Exhibit P-5, which is the Base Grading Plan, Sheet Number 3. And you see sedimentation ponds on there, correct?  A. Yes. Q. And there are three, correct? A. There are. Q. Let's switch this around. Now, do those sedimentation ponds collect stormwater off the landfill? A. They do. Q. And they what's the concept behind collecting stormwater off the landfill? A. The ponds are designed as a	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. I can. They're identified on this sheet as, Pond Outlet Structure, with a pipe leading, specific information related to the design at each stormwater outlet structure.  Q. Okay.  A. There's there's an existing  NPDES overflow outfall here that we left in the NOI.  Q. Okay. All right. Were you involved in developing the list of adjoining property owners that's in Exhibit J-3, Part I?  A. Do you have a tab?  Q. I have a it may be tabbed.  What is it, Appendix 4.1? Were you involved in preparing that list?  A. Yes. I believe this is the list that was prepared at the time of permit application  Q. Okay.  A developed from Houston County
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Q. Vehicle wash? Okay. Are any of those outfalls for the discharge of fill material into wetlands?  A. No. Q. Are any of those outfalls for the discharge of fill material into streams? A. No. Q. And let's look at Exhibit P-5, which is the Base Grading Plan, Sheet Number 3. And you see sedimentation ponds on there, correct?  A. Yes. Q. And there are three, correct? A. There are. Q. Let's switch this around. Now, do those sedimentation ponds collect stormwater off the landfill?  A. They do. Q. And they what's the concept behind collecting stormwater off the landfill?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. I can. They're identified on this sheet as, Pond Outlet Structure, with a pipe leading, specific information related to the design at each stormwater outlet structure.  Q. Okay.  A. There's there's an existing  NPDES overflow outfall here that we left in the NOI.  Q. Okay. All right. Were you involved in developing the list of adjoining property owners that's in Exhibit J-3, Part I?  A. Do you have a tab?  Q. I have a it may be tabbed.  What is it, Appendix 4.1? Were you involved in preparing that list?  A. Yes. I believe this is the list that was prepared at the time of permit application  Q. Okay.

Alai	oama Department of Environmental Management		June 1, 2010
	Page 540		Page 542
1	Michael Del Vecchio was not included on that	1	mean, the rundown on your experience I mean,
2	list?	2	your education, please?
3	A. Like I said just now, this list is	3	A. Yes. I obtained a Bachelor of
4	developed from the Houston County parcel	4	Civil Engineering from the University of Alabama
5	information, available on their website, and we	5	in 2000, December of 2000. Also, I've done
6	pulled adjoining property owners from that.	6	various continuing education. I'm a member of
7	Q. And you didn't see Michael Del	7	Solid Waste Association's technical groups, as
8	Vecchio's property as an adjoining property?	8	well as various industry organizations to
9	A. If he's not on this list, we did	9	continue you know, to have continuous
10	not see it as an adjoining property.	10	education on landfill design, permitting, and
11	Q. Did you do you recall well,	11	operation.
12	you say "we." Was it you or somebody else?	12	MR. WHITE: We offer Mr. Wells as
13	A. It's under my direction, so it's	13	an expert.
14	me.	14	HEARING OFFICER: All right.
15	Q. Okay. Did you verify that Michael	15	MR. LUDDER: No objection.
16	Del Vecchio that his property was not	16	MR. CARTER: No objection.
17	adjoining the landfill?	17	BY MR. WHITE:
18	A. I believe, from Del Vecchio's	18	Q. I want to fix something in here,
19	testimony, he shared a property corner, and so	19	or at least clear something up. Would you look
20	we have not verified that that pin is shared.	20	at P-5 here a minute? Take a look at that and
21	MR. LUDDER: Okay, okay. No	21	see first of all, tell us what that is, or
22	further questions.	22	what it purports to be.
23	HEARING OFFICER: Cross?	23	A. All right. It's titled, Major
	Dog 544		Page 543
	Page 541		Page 543

MR. CARTER: No questions. 1 HEARING OFFICER: Mr. White? 2 **CROSS-EXAMINATION** 3 BY MR. WHITE:

5 Q. If you would, please, Mr. Wells, could you give the Hearing Officer the benefit 6 of your experience as in the design of solid 7 waste municipal landfills? 8

A. Yes, sir. I've got about 9 approximately 13 years' experience designing 10 landfills in the state of Alabama. Our company, 11

and under my direction, we consult on 12 13 approximately 15 municipal solid waste

facilities in Alabama in addition to another 14

probably 30 to 40 C&D and industrial facilities. 15

16 In that -- in that experience, after obtaining

professional licensure, I've acted as a project 17

manager and registered professional engineer on 18

19 various permit modifications, greenfield

20 permitting, and other administrative actions,

including variances and coordination efforts 21

22 with the Department. 23

Q. Can you give us the benefit -- I

Modification Plans for the Dothan Landfill for

the City of Dothan, December, 2014. 2

It has my signature and date of January the 3

9th of 2015. 5 Q. Okay. Can you run through the

different pages that you have in front of you, 7 just, the numbered pages?

A. I can. Sheet 1 is the title 8

page -- excuse me, cover page. There's a

10 Boundary Sketch, which is in color, been

referred to throughout the testimony. Sheet 2 11

is a site layout in this drawing where you 12

13 identified northern and eastern coordinates for

disposal cells and other pertinent facility

infrastructure. Sheet 3 is the Base Grading

Plan. This is the bottom line, or design of the

upgraded -- or the expanded MSW area, Cells L-6 17

through L-8. Sheet 4 is Leachate Management 18

19 Plan of those same cells, L-6 through L-8,

20 including proposed discharge to the City's

sanitary sewer collection system. Sheet 5 is a 21

22 Final Grading Plan. It has both the MSW

proposed expansion and the C&D. Sheet 6 is a 23

	pama Department of Environmental Management		June 1, 2016
	Page 544		Page 546
1	Monitoring Plan. It shows at the point of	1	in the Division 13 rules, there are a number of
2	this plan, it shows existing NPDES outfall	2	studies and corresponding letters of concurrence
3	locations. It also shows indicated future NPDES	3	that are related to the siting. An example is
4	outfall locations that we further permitted in	4	the wetlands and waters of the State report,
5	the NOI. It also shows explosive gas monitoring	5	done by TTL, including our request for
6	points of both existing and proposed. In	6	concurrence to the Corps of Engineers. And
7	addition, it shows groundwater monitoring	7	there, you see a preliminary preliminary
8	points, both existing and proposed.	8	jurisdictional determination, JD.
9	Q. And Sheet 7?	9	Q. Okay. Let me stop you there. You
10	A. Moving further, there's it	10	have a response from the Corps that they do have
11	looks like something's cut off there, Mr. White.	11	jurisdiction over this application, or this
			proposal; is that correct?
12	I am anticipating that is Sheet 7.	12	MR. LUDDER: I object, Your Honor.
13	<ul><li>Q. Okay.</li><li>A. It's cross sections of the</li></ul>	13	
14		14	This is beyond the scope of direct.
15	facility, as required by ADEM.	15	Direct was limited to the NPDES permit
16	Q. Would you mark that then, if	16	application.
17	that's what that is?	17	HEARING OFFICER: Overruled.
18	HEARING OFFICER: Well, check the	18	A. As it relates to siting standards,
19	next one before you do that.	19	we prepare the report, submit it for a
20	MR. WHITE: Yeah, good idea, thank	20	concurrence request. In that concurrence
21	you.	21	request, the Corps formalizes their
22	THE WITNESS: Beginning on the next	22	jurisdictional determination, in essence,
23	one, there's a it looks like a	23	agreeing with or requiring revisions to TTL's
	Page 545		Page 547
1	Sheet 8, which is beginning with	1	report, ultimately leading to the Corps'
1	details, and those although	1 2	· · · · · · · · · · · · · · · · · · ·
2			
3			acceptance of in this case our
	although it's cut off, I believe they	3	consultant our subconsultant, TTL's Wetlands
4	go 8 through 8E.	3 4	consultant our subconsultant, TTL's Wetlands and Waters of the U.S. Delineation Report.
5	go 8 through 8E. HEARING OFFICER: Okay. You can	3 4 5	consultant our subconsultant, TTL's Wetlands and Waters of the U.S. Delineation Report.  Q. Okay. So there was a
5 6	go 8 through 8E.  HEARING OFFICER: Okay. You can mark it now.	3 4 5 6	consultant our subconsultant, TTL's Wetlands and Waters of the U.S. Delineation Report.  Q. Okay. So there was a determination by one of your subcontractors
5 6 7	go 8 through 8E.  HEARING OFFICER: Okay. You can mark it now.  THE WITNESS: With an initial?	3 4 5 6 7	consultant our subconsultant, TTL's Wetlands and Waters of the U.S. Delineation Report.  Q. Okay. So there was a determination by one of your subcontractors A. Yes.
5 6 7 8	go 8 through 8E.  HEARING OFFICER: Okay. You can mark it now.  THE WITNESS: With an initial?  MR. LUDDER: Thank you.	3 4 5 6 7 8	consultant our subconsultant, TTL's Wetlands and Waters of the U.S. Delineation Report.  Q. Okay. So there was a determination by one of your subcontractors A. Yes.  Q that there were wetlands, and
5 6 7 8 9	go 8 through 8E.  HEARING OFFICER: Okay. You can mark it now.  THE WITNESS: With an initial?  MR. LUDDER: Thank you.  THE WITNESS: Yes, sir.	3 4 5 6 7 8 9	consultant our subconsultant, TTL's Wetlands and Waters of the U.S. Delineation Report.  Q. Okay. So there was a determination by one of your subcontractors A. Yes.  Q that there were wetlands, and that a 404 Corps permit was required?
5 6 7 8 9	go 8 through 8E.  HEARING OFFICER: Okay. You can mark it now.  THE WITNESS: With an initial?  MR. LUDDER: Thank you.  THE WITNESS: Yes, sir.  I believe, Mr. White, Sheets 8 are	3 4 5 6 7 8 9	consultant our subconsultant, TTL's Wetlands and Waters of the U.S. Delineation Report.  Q. Okay. So there was a determination by one of your subcontractors A. Yes. Q that there were wetlands, and that a 404 Corps permit was required?  MR. LUDDER: I object, Your Honor.
5 6 7 8 9 10	go 8 through 8E.  HEARING OFFICER: Okay. You can mark it now.  THE WITNESS: With an initial?  MR. LUDDER: Thank you.  THE WITNESS: Yes, sir.  I believe, Mr. White, Sheets 8 are details relevant to the design	3 4 5 6 7 8 9 10	consultant our subconsultant, TTL's Wetlands and Waters of the U.S. Delineation Report.  Q. Okay. So there was a determination by one of your subcontractors A. Yes.  Q that there were wetlands, and that a 404 Corps permit was required?  MR. LUDDER: I object, Your Honor.  This is leading questioning under
5 6 7 8 9 10 11 12	go 8 through 8E.  HEARING OFFICER: Okay. You can mark it now.  THE WITNESS: With an initial?  MR. LUDDER: Thank you.  THE WITNESS: Yes, sir.  I believe, Mr. White, Sheets 8 are details relevant to the design submitted as part of the plan set.	3 4 5 6 7 8 9 10 11 12	consultant our subconsultant, TTL's Wetlands and Waters of the U.S. Delineation Report.  Q. Okay. So there was a determination by one of your subcontractors A. Yes.  Q that there were wetlands, and that a 404 Corps permit was required?  MR. LUDDER: I object, Your Honor.  This is leading questioning under supposed cross-examination.
5 6 7 8 9 10 11 12	go 8 through 8E.  HEARING OFFICER: Okay. You can mark it now.  THE WITNESS: With an initial?  MR. LUDDER: Thank you.  THE WITNESS: Yes, sir.  I believe, Mr. White, Sheets 8 are details relevant to the design submitted as part of the plan set.  BY MR. WHITE:	3 4 5 6 7 8 9 10 11 12 13	consultant our subconsultant, TTL's Wetlands and Waters of the U.S. Delineation Report.  Q. Okay. So there was a determination by one of your subcontractors A. Yes.  Q that there were wetlands, and that a 404 Corps permit was required?  MR. LUDDER: I object, Your Honor.  This is leading questioning under supposed cross-examination.  Q. Was there?
5 6 7 8 9 10 11 12 13	go 8 through 8E.  HEARING OFFICER: Okay. You can mark it now.  THE WITNESS: With an initial?  MR. LUDDER: Thank you.  THE WITNESS: Yes, sir.  I believe, Mr. White, Sheets 8 are details relevant to the design submitted as part of the plan set.  BY MR. WHITE:  Q. Okay. Was it submitted as part of	3 4 5 6 7 8 9 10 11 12 13	consultant our subconsultant, TTL's Wetlands and Waters of the U.S. Delineation Report. Q. Okay. So there was a determination by one of your subcontractors A. Yes. Q that there were wetlands, and that a 404 Corps permit was required? MR. LUDDER: I object, Your Honor. This is leading questioning under supposed cross-examination. Q. Was there? MR. LUDDER: This is this
5 6 7 8 9 10 11 12 13 14	go 8 through 8E.  HEARING OFFICER: Okay. You can mark it now.  THE WITNESS: With an initial?  MR. LUDDER: Thank you.  THE WITNESS: Yes, sir.  I believe, Mr. White, Sheets 8 are details relevant to the design submitted as part of the plan set.  BY MR. WHITE:  Q. Okay. Was it submitted as part of the application for the permit modification?	3 4 5 6 7 8 9 10 11 12 13 14 15	consultant our subconsultant, TTL's Wetlands and Waters of the U.S. Delineation Report.  Q. Okay. So there was a determination by one of your subcontractors A. Yes.  Q that there were wetlands, and that a 404 Corps permit was required?  MR. LUDDER: I object, Your Honor.  This is leading questioning under supposed cross-examination.  Q. Was there?  MR. LUDDER: This is this we're entitled to manage our case
5 6 7 8 9 10 11 12 13 14 15	go 8 through 8E.  HEARING OFFICER: Okay. You can mark it now.  THE WITNESS: With an initial?  MR. LUDDER: Thank you.  THE WITNESS: Yes, sir.  I believe, Mr. White, Sheets 8 are details relevant to the design submitted as part of the plan set.  BY MR. WHITE:  Q. Okay. Was it submitted as part of the application for the permit modification?  A. Yes, sir.	3 4 5 6 7 8 9 10 11 12 13 14 15	consultant our subconsultant, TTL's Wetlands and Waters of the U.S. Delineation Report.  Q. Okay. So there was a determination by one of your subcontractors A. Yes.  Q that there were wetlands, and that a 404 Corps permit was required?  MR. LUDDER: I object, Your Honor.  This is leading questioning under supposed cross-examination.  Q. Was there?  MR. LUDDER: This is this we're entitled to manage our case in chief the way we want to. We
5 6 7 8 9 10 11 12 13 14	go 8 through 8E.  HEARING OFFICER: Okay. You can mark it now.  THE WITNESS: With an initial?  MR. LUDDER: Thank you.  THE WITNESS: Yes, sir.  I believe, Mr. White, Sheets 8 are details relevant to the design submitted as part of the plan set.  BY MR. WHITE:  Q. Okay. Was it submitted as part of the application for the permit modification?  A. Yes, sir.  Q. Okay. Can you take us through,	3 4 5 6 7 8 9 10 11 12 13 14 15 16	consultant our subconsultant, TTL's Wetlands and Waters of the U.S. Delineation Report.  Q. Okay. So there was a determination by one of your subcontractors A. Yes.  Q that there were wetlands, and that a 404 Corps permit was required?  MR. LUDDER: I object, Your Honor.  This is leading questioning under supposed cross-examination.  Q. Was there?  MR. LUDDER: This is this we're entitled to manage our case in chief the way we want to. We limited the questions to to the
5 6 7 8 9 10 11 12 13 14 15 16 17	go 8 through 8E.  HEARING OFFICER: Okay. You can mark it now.  THE WITNESS: With an initial?  MR. LUDDER: Thank you.  THE WITNESS: Yes, sir.  I believe, Mr. White, Sheets 8 are details relevant to the design submitted as part of the plan set.  BY MR. WHITE:  Q. Okay. Was it submitted as part of the application for the permit modification?  A. Yes, sir.  Q. Okay. Can you take us through, please, the well, let me withdraw	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	consultant our subconsultant, TTL's Wetlands and Waters of the U.S. Delineation Report.  Q. Okay. So there was a determination by one of your subcontractors A. Yes.  Q that there were wetlands, and that a 404 Corps permit was required?  MR. LUDDER: I object, Your Honor.  This is leading questioning under supposed cross-examination.  Q. Was there?  MR. LUDDER: This is this we're entitled to manage our case in chief the way we want to. We limited the questions to to the NPDES permit, and we have witnesses
5 6 7 8 9 10 11 12 13 14 15 16	go 8 through 8E.  HEARING OFFICER: Okay. You can mark it now.  THE WITNESS: With an initial?  MR. LUDDER: Thank you.  THE WITNESS: Yes, sir.  I believe, Mr. White, Sheets 8 are details relevant to the design submitted as part of the plan set.  BY MR. WHITE:  Q. Okay. Was it submitted as part of the application for the permit modification?  A. Yes, sir.  Q. Okay. Can you take us through, please, the well, let me withdraw that and say: Is this a process whereby	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	consultant our subconsultant, TTL's Wetlands and Waters of the U.S. Delineation Report.  Q. Okay. So there was a determination by one of your subcontractors A. Yes.  Q that there were wetlands, and that a 404 Corps permit was required?  MR. LUDDER: I object, Your Honor.  This is leading questioning under supposed cross-examination.  Q. Was there?  MR. LUDDER: This is this we're entitled to manage our case in chief the way we want to. We limited the questions to to the NPDES permit, and we have witnesses beyond him that we'd like to get to.
5 6 7 8 9 10 11 12 13 14 15 16 17	go 8 through 8E.  HEARING OFFICER: Okay. You can mark it now.  THE WITNESS: With an initial?  MR. LUDDER: Thank you.  THE WITNESS: Yes, sir.  I believe, Mr. White, Sheets 8 are details relevant to the design submitted as part of the plan set.  BY MR. WHITE:  Q. Okay. Was it submitted as part of the application for the permit modification?  A. Yes, sir.  Q. Okay. Can you take us through, please, the well, let me withdraw that and say: Is this a process whereby different agencies are involved for approval	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	consultant our subconsultant, TTL's Wetlands and Waters of the U.S. Delineation Report.  Q. Okay. So there was a determination by one of your subcontractors A. Yes.  Q that there were wetlands, and that a 404 Corps permit was required?  MR. LUDDER: I object, Your Honor.  This is leading questioning under supposed cross-examination.  Q. Was there?  MR. LUDDER: This is this we're entitled to manage our case in chief the way we want to. We limited the questions to to the NPDES permit, and we have witnesses beyond him that we'd like to get to.  HEARING OFFICER: We'll get there.
5 6 7 8 9 10 11 12 13 14 15 16 17 18	go 8 through 8E.  HEARING OFFICER: Okay. You can mark it now.  THE WITNESS: With an initial?  MR. LUDDER: Thank you.  THE WITNESS: Yes, sir.  I believe, Mr. White, Sheets 8 are details relevant to the design submitted as part of the plan set.  BY MR. WHITE:  Q. Okay. Was it submitted as part of the application for the permit modification?  A. Yes, sir.  Q. Okay. Can you take us through, please, the well, let me withdraw that and say: Is this a process whereby different agencies are involved for approval other than ADEM? Other agencies?	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	consultant our subconsultant, TTL's Wetlands and Waters of the U.S. Delineation Report.  Q. Okay. So there was a determination by one of your subcontractors A. Yes.  Q that there were wetlands, and that a 404 Corps permit was required?  MR. LUDDER: I object, Your Honor.  This is leading questioning under supposed cross-examination.  Q. Was there?  MR. LUDDER: This is this we're entitled to manage our case in chief the way we want to. We limited the questions to to the NPDES permit, and we have witnesses beyond him that we'd like to get to.  HEARING OFFICER: We'll get there. Overruled.
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	go 8 through 8E.  HEARING OFFICER: Okay. You can mark it now.  THE WITNESS: With an initial?  MR. LUDDER: Thank you.  THE WITNESS: Yes, sir.  I believe, Mr. White, Sheets 8 are details relevant to the design submitted as part of the plan set.  BY MR. WHITE:  Q. Okay. Was it submitted as part of the application for the permit modification?  A. Yes, sir.  Q. Okay. Can you take us through, please, the well, let me withdraw that and say: Is this a process whereby different agencies are involved for approval other than ADEM? Other agencies?  A. Yes. If you as you read the	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	consultant our subconsultant, TTL's Wetlands and Waters of the U.S. Delineation Report.  Q. Okay. So there was a determination by one of your subcontractors A. Yes.  Q that there were wetlands, and that a 404 Corps permit was required?  MR. LUDDER: I object, Your Honor.  This is leading questioning under supposed cross-examination.  Q. Was there?  MR. LUDDER: This is this we're entitled to manage our case in chief the way we want to. We limited the questions to to the NPDES permit, and we have witnesses beyond him that we'd like to get to.  HEARING OFFICER: We'll get there.  Overruled.  THE WITNESS: Can you restate the
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	go 8 through 8E.  HEARING OFFICER: Okay. You can mark it now.  THE WITNESS: With an initial?  MR. LUDDER: Thank you.  THE WITNESS: Yes, sir.  I believe, Mr. White, Sheets 8 are details relevant to the design submitted as part of the plan set.  BY MR. WHITE:  Q. Okay. Was it submitted as part of the application for the permit modification?  A. Yes, sir.  Q. Okay. Can you take us through, please, the well, let me withdraw that and say: Is this a process whereby different agencies are involved for approval other than ADEM? Other agencies?	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	consultant our subconsultant, TTL's Wetlands and Waters of the U.S. Delineation Report.  Q. Okay. So there was a determination by one of your subcontractors A. Yes.  Q that there were wetlands, and that a 404 Corps permit was required?  MR. LUDDER: I object, Your Honor.  This is leading questioning under supposed cross-examination.  Q. Was there?  MR. LUDDER: This is this we're entitled to manage our case in chief the way we want to. We limited the questions to to the NPDES permit, and we have witnesses beyond him that we'd like to get to.  HEARING OFFICER: We'll get there. Overruled.

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	Page 548		Page 550
1	BY MR. WHITE:	1	A. Yes. It specifically to
2	Q. What I'm you said that there	2	wetlands and streams, that preliminary JD made
3	are other agencies. Can you tell us other	3	some revisions to TTL's report and incorporated
4	agencies that reviewed this potential	4	jurisdictional wetlands and streams. And from
5	A. Yes. Also in the siting standard,	5	that, we we moved forward into a 404
6	there is a requirement for no adverse effect to	6	permitting situation where we identified
7	threatened and endangered species. In that,	7	proposed impact to those those bodies, and
8	we	8	request through again, through our
9	Q. Was there any affected species?	9	subconsultant, TTL, we began the permitting
10	A. No.	10	process that included joint it's a permit
11	Q. All right. Who made that	11	from the Corps, it's a certification from ADEM,
12	determination?	12	and a joint application process began on those.
13	A. U.S. Fish and Wildlife.	13	Q. Would you explain the joint
14	Q. Okay. What other agency?	14	application?
15	A. We a culture resource survey,	15	A. Well, I can explain it in
16	Alabama State Historical Historic [verbatim]	16	generalities. For more detail, I'd refer to
17	Commission.	17	TTL. But, generally, we we put together an
18	Q. And the impact determination?	18	application of a proposed impact and a
19	A. No there was an impact	19	justification behind that. In this instance, it
20	determination. There is no impact.	20	is the 20.6-acre MSW expansion. In that
21	Q. Okay. Who else?	21	application, we identify the impact, why it's
22	A. We review flood plains. If we're	22	needed, and a benefit to the public.
23	impacting flood plains, then we would submit a	23	Q. Okay. Could you turn to
	Page 549		Pogo 554
	rage 549		Page 551
1	request to FEMA on those on those grounds.	1	Plaintiff's Exhibit 4?
2	There was no impact.	2	A. P-4?
3	Q. Anyone else?	3	Q. Yeah, there you go. Would you
4	A. Let me make sure I got them all.	4	identify that again, please?
5	Threatened and endangered, cultural resource,	5	A. This appears to be a figure out of
6	flood plains, wetlands. I think that's all, but	6	TTL's permit application of the proposed impact
7	I can refer to rule	7	that would have been submitted as part of the
8	Q. All right. Would you explain	8	404 permitting process.
9	here did you say you made a request for	9	Q. Can you explain the various study
10	concurrence?	10	areas and maps that pertain?
11	A. Yes.	11	A. I can. Earlier, in TTL's initial
12	Q. Okay. Would you explain that?	12	assessment, we, CDG, identified a 100-acre area
13	A. In the request for concurrence, we	13	to study for wetlands and streams. From that,
14	are submitting our our report and findings to	14	they identified wetlands and streams in their
15	the Corps for their concurrence with that report. In that, you part of the request is	15	report, and we continued to further define the
16	a preliminary JD. In that and I believe	16	project area. In this map, the project area is confined to the area where our proposed impact
17	Q. JD?	17	occurs, so there's a red line showing "Project
18 19	A. Jurisdictional Determination.	18 19	area." It is approximately 40 acres, but it
20	It's a Corps form that that's been	20	is a it is a smaller study area within the
21	referenced, really, throughout the testimony.	21	larger facility footprint.
22	Q. Would you explain any permitting	22	Q. Okay. So the facility and the
22	for planted impact?		import are two different mans?

for planned impact?

23 impact are two different maps?

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- 1 A. They are.
- 2 Q. Two different areas? Did you have
- 3 to demonstrate any of your compliance with Corps
- 4 regulations to ADEM?
- 5 A. I believe, through the 401 Water
- 6 Quality Certification request that came from the
- 7 Corps, ADEM reviewed and issued a Water Quality
- 8 Certification with special conditions. Those
- 9 conditions include construction, Best Management
- 10 Practices, that we are required to maintain
- 11 during the permitted fill activity, and in that,
- 12 protect areas that are not impacted -- or not
- 13 approved for impact.
- Q. Did that include incorporation of
- compliance with state regulation?
- A. I believe it does.
- Q. Okay. And is that -- all of that
- incorporated into your design?
- 19 A. It is.
- Q. Okay. And if you would, please,
- 21 explain to the Hearing Officer what you
- submitted to ADEM in support of the application
- 23 for this modified permit.

- 1 daily covers, and it says further that should
  - 2 the facility request those, they need to do so
  - 3 in writing to ADEM prior to approval.
    - Q. Has that been done?
  - 5 A. It has not.
    - Q. Okay. Do you know if that
  - 7 landfill is currently -- the operating landfill,
  - 8 the original 35-06, is that accepting waste now?
    - A. It is active.
  - Q. Okay. If you could tell us, why
  - 11 are there -- well, does your application include
  - a request for separate disposal areas?
    - A. It does.
    - Q. Why?
      - A. Well, there are numerous reasons
  - to do that. First and foremost, their MSW is a
- very complex lined -- composite-lined facility;
- in that, there are certain protections that we
- 19 take to make sure we don't have impacts to
- 20 liner. To that end, C&D is a very bulky
- 21 material. It does not compact well. In our
- 22 experience, it can lead to various operational
- 23 problems within the MSW footprint. So from that

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- 1 A. Our original submittal to ADEM
- 2 included the permit plans, as well as two
- 3 binders of operations manual. One of those was
- 4 general conditions associated with various
- 5 activities of the landfill. One volume was
- 6 static stability analysis for the MSW area
- 7 to -- to document and verify three-to-one final
- 8 slope conditions, among other things.
- 9 Q. Does that application include any
- 10 request for alternate daily cover?
  - A. It does not.
- Q. Why not?
- A. We didn't request it.
- 14 Q. Okay.
- A. Let me expand. We asked the City
- if they had plans to incorporate alternate daily
- 17 covers into their operations, and they said no,
- so we did not include that request.
- Q. Does the application make any
- 20 mention of any possible future requests for
- **21** that?

- A. There are sections within the
- application that point to allowable alternate

- perspective, we asked -- or we recommended to
- 2 the City that they permit separate disposal
- 3 areas really because of the waste type, the
- 4 ability to compact, the nonleachable
- 5 characteristics of construction and demolition
- 6 waste, and other operational considerations that
- 7 are really -- really differentiate municipal
- 8 solid waste and construction and demolition
- 9 waste.
- Q. Could you tell us a little bit
- more about the difference in leachability
- between those two?
- A. I can. "Leachability" is a term
- related to -- if water -- stormwater or
- rainwater were to im -- were to come in contact
- with the waste, organic waste is leachable.
- 17 Some industrial waste also, meaning that
- 18 contaminants of concern can be picked up in that
- water. C&D, by nature, is non-leachable. It's
- 20 concrete and bricks and untreated lumber, those
- 21 type things. So it -- what it points to,
- 22 Mr. White, is that if -- if put in contact
- 23 with -- with water, then will it pick up

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1	contaminants? And, generally, C&D does not.	1	BY MR. WHITE:
2	Q. Can you give us the benefit of a	2	Q. And does that also comport with
3	description or an outline of your requirements	3	regulations for the protection of the
4	included in your application to ADEM for liner	4	environment?
5	systems?	5	A. Yes.
6	A. The requirements for liner systems	6	Q. Okay. How many sites are you
7	are really you know, it's throughout the	7	aware of with such a design?
8	plans that it applies to for composite-lined	8	A. It's it's a regulatory it's
9	system that applies to the MSW section.	9	a regulation in Division 13, so all municipal
10	Q. What is the purpose of that, to	10	solid waste landfills are required to have a
11	start with?	11	composite-lined system in Alabama.
12	A. Composite liners are required so	12	Q. Okay. Can you design can you
13	that you don't have leachate moving through the	13	explain what your application calls for in the
14	waste mass into underlying groundwater. So it's	14	way of design slope?
15	a protective feature of MSW, so that you don't	15	A. To clarify, are you referring to
16	have an impact to groundwater. In this	16	final cover slope?
17	instance, it serves as an impermeable barrier	17	Q. Yes well, what's your
18	where any leachate that is produced, we collect	18	design what is your design called? I mean,
19	and dispose of at a city treatment facility. So	19	your application the City's application, as
20	we're the composite-lined system is	20	reflected in your design?
21	protective of groundwater, is the best way I can	21	A. Our design in the City's
22	say it. We collect all of the leachate	22	application refers to a four-to-one final on the
23	generated in MSW.	23	construction and demolition disposal area, and
	Page 557		Page 559
1	Q. And does that comport with	1	the existing and the active MSW cells. It
2	protection of the public health?	2	proposes for a three-to-one final on the
3	A. Yes.	3	expanded 20.6-acre MSW area for final cover.
4	Q. And does that correspond and	4	Q. Okay. Why is that?
5	comply with all regulations?	5	A. Well, there are several reasons.
6	A. It does.	6	One of the predominate ones and without going
7	MR. LUDDER: Your Honor, I object.	7	into all for the municipal solid waste area,
8	Number one, that calls for an opinion	8	to build an effective four-to-one operating
9	that embraces an ultimate issue of law	9	slope, and come back with final cover, our
10	that the Commission is to decide, not	10	design incorporates a three to one with a bench
11	this Witness. And, secondly, we're	11	terrace, so that we create some additional
12	getting into areas that are unrelated	12	stability in the cover. That terrace serves a
13	to the issues that have been raised in	13	number of features. One is stability, one is
14	the request for hearing. Composite	14	erosion and sediment control, and transport.
15	liner has nothing to do with our	15	And so in order to accomplish that bench

request. Leachate has nothing to do

with our request. We could be here

all day talking about engineering of

HEARING OFFICER: Overruled. I

this landfill. None of it has

think you already answered that

relevance.

question.

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presented.

is that what it's called?

terrace, we have to apply for a three to one,

three to one among a few of the modules

A. Static stability analysis.

and the static stability analysis addresses that

Q. Okay. And the stability analysis,

Q. Thank you. You touched on the

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_	stormwater control systems a little bit. If you	_	O Have you ever done any other
1	stormwater control systems a little bit. If you would, please, explain that in context, what	1	Q. Have you ever done any other landfills with two working faces?
2	your application calls for, and how the NPDES	3	A. Yes.
3	relates to it.		
4		4	Q. Okay. Same question: Did you submit sufficient information for the Department
5	A. Well, our our application calls	5	-
6	for a three-to-one slope with terraces no	6	to determine whether or not the regulations were
7	greater than 20 feet in elevation. So	7	complied with for those multiple faces?  A. Yes.
8	effectively, that's a 60-foot run of stormwater	8	
9	between terraces. In our design, we evaluate	9	MR. WHITE: Okay. No further
10	that length to make sure we maintain the area in what's considered an overland flow stormwater	10	questions. HEARING OFFICER: Redirect?
11		11	
12	configuration. We do that so that we minimize	12	REDIRECT EXAMINATION BY MR. LUDDER:
13	erosion, potential ones on the cap. From	13	
14	there, it travels along that, you know that	14	Q. Mr. Wells, you testified that a three-to-one slope would minimize erosion; is
15	final cover slope to a terrace where those terraces are reinforced with various erosion	15	that right?
16	control mechanisms to make sure that we're not	16	A. I did.
17		17	
18	eroding the terraces. Ultimately, it transfers	18	Q. Would a four-to-one slope more minimize erosion?
19	contact stormwater to a sediment pond, where	19	
20	any any sediment that is picked up is	20	A. There are other other things
21	deposited prior to discharge.	21	that come into play between a strict four to one
22	Q. Have you ever designed any other landfills with three-to-one final covers?	22	and three to one. Can you specify length,
23	landing with three-to-one final covers?	23	contact water, how long that water was
	Page 561		Page 563
1	Page 561 A. We have.	1	Page 563 contacted?
1 2	-		
	A. We have.	1	contacted?
2	<ul><li>A. We have.</li><li>Q. Okay. And did you incorporate</li></ul>	1 2	contacted?  Q. Well, I mean, can you can you
2	A. We have. Q. Okay. And did you incorporate that design into your application?	1 2 3	contacted?  Q. Well, I mean, can you can you assume that those things remain the same in a
2 3 4	A. We have. Q. Okay. And did you incorporate that design into your application? A. Yes.	1 2 3 4	contacted?  Q. Well, I mean, can you can you assume that those things remain the same in a three-to-one design and a four-to-one design?
2 3 4 5	A. We have. Q. Okay. And did you incorporate that design into your application? A. Yes. Q. Okay. And did ADEM grant those	1 2 3 4 5	contacted?  Q. Well, I mean, can you can you assume that those things remain the same in a three-to-one design and a four-to-one design?  A. I can speak to this design, and in
2 3 4 5 6	A. We have. Q. Okay. And did you incorporate that design into your application? A. Yes. Q. Okay. And did ADEM grant those applications?	1 2 3 4 5	contacted?  Q. Well, I mean, can you can you assume that those things remain the same in a three-to-one design and a four-to-one design?  A. I can speak to this design, and in this design, they are equally protective.
2 3 4 5 6 7	A. We have. Q. Okay. And did you incorporate that design into your application? A. Yes. Q. Okay. And did ADEM grant those applications? A. Yes.	1 2 3 4 5 6 7	contacted?  Q. Well, I mean, can you can you assume that those things remain the same in a three-to-one design and a four-to-one design?  A. I can speak to this design, and in this design, they are equally protective.  Q. You believe they're equally
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2 3 4 5 6 7 8 9	A. We have. Q. Okay. And did you incorporate that design into your application? A. Yes. Q. Okay. And did ADEM grant those applications? A. Yes. Q. Okay. And was the information supplied with your application sufficient for them to make a determination that you were seeking a variance from the regulation requiring	1 2 3 4 5 6 7 8	contacted?  Q. Well, I mean, can you can you assume that those things remain the same in a three-to-one design and a four-to-one design?  A. I can speak to this design, and in this design, they are equally protective.  Q. You believe they're equally protective?  A. I do.
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2 3 4 5 6 7 8 9 10 11 12 13	A. We have. Q. Okay. And did you incorporate that design into your application? A. Yes. Q. Okay. And did ADEM grant those applications? A. Yes. Q. Okay. And was the information supplied with your application sufficient for them to make a determination that you were seeking a variance from the regulation requiring a four-to-one slope? MR. LUDDER: Objection. He's	1 2 3 4 5 6 7 8 9 10 11 12	contacted?  Q. Well, I mean, can you can you assume that those things remain the same in a three-to-one design and a four-to-one design?  A. I can speak to this design, and in this design, they are equally protective.  Q. You believe they're equally protective?  A. I do.  Q. Okay. Would water runoff velocity be higher in a three-to-one slope?  A. Depending on length, it will.  Q. And in this case?
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A. We have. Q. Okay. And did you incorporate that design into your application? A. Yes. Q. Okay. And did ADEM grant those applications? A. Yes. Q. Okay. And was the information supplied with your application sufficient for them to make a determination that you were seeking a variance from the regulation requiring a four-to-one slope?  MR. LUDDER: Objection. He's asking for what ADEM thought. MR. WHITE: No, I'm asking was it sufficient? He's already testified he's done it many times, and I'm just asking if he did it again sufficient	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	contacted?  Q. Well, I mean, can you can you assume that those things remain the same in a three-to-one design and a four-to-one design?  A. I can speak to this design, and in this design, they are equally protective.  Q. You believe they're equally protective?  A. I do.  Q. Okay. Would water runoff velocity be higher in a three-to-one slope?  A. Depending on length, it will.  Q. And in this case?  A. No, it wouldn't.  Q. No? Okay. You referred to the 401 Water Quality Certification. Do you know if that is considered by ADEM to be a permit?  A. I do not know.
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. We have. Q. Okay. And did you incorporate that design into your application? A. Yes. Q. Okay. And did ADEM grant those applications? A. Yes. Q. Okay. And was the information supplied with your application sufficient for them to make a determination that you were seeking a variance from the regulation requiring a four-to-one slope?  MR. LUDDER: Objection. He's asking for what ADEM thought. MR. WHITE: No, I'm asking was it sufficient? He's already testified he's done it many times, and I'm just asking if he did it again sufficient for them to make the same determination.  HEARING OFFICER: Overruled.	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Q. Well, I mean, can you can you assume that those things remain the same in a three-to-one design and a four-to-one design?  A. I can speak to this design, and in this design, they are equally protective.  Q. You believe they're equally protective?  A. I do.  Q. Okay. Would water runoff velocity be higher in a three-to-one slope?  A. Depending on length, it will.  Q. And in this case?  A. No, it wouldn't.  Q. No? Okay. You referred to the 401 Water Quality Certification. Do you know if that is considered by ADEM to be a permit?  A. I do not know.  Q. Do you know if that is if that addresses I withdraw the question.  Are you aware of any ADEM permit for the

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	raye 304		rage 300
1	Q. Are you aware of any ADEM permit	1	minutes.
2	for discharge of fill material into streams?	2	(A brief recess was taken.)
3	A. I am not aware.	3	HEARING OFFICER: All right. We
4	Q. So the only permit that addresses	4	are back on the record. Call your
5	discharges discharges of fill material into	5	next Witness, Mr. Ludder.
6	wetlands and streams is the Corps of Engineers'	6	MR. LUDDER: Anthony Scott Hughes.
7	permit, correct?	7	HEARING OFFICER: All right.
8	A. That is correct. I believe it	8	Mr. Hughes, our court reporter will
9	incorporates the conditions of the 401 Water	9	swear you in.
10	Quality Certification into this permit.	10	(The Witness was duly sworn.)
11	Q. Okay. But you don't you just	11	DIRECT EXAMINATION
12	testified, I believe, that the 401 Water Quality	12	BY MR. LUDDER:
13	Certification was not a permit?	13	Q. Mr. Hughes, would you state your
14	A. It is not. Certification with	14	full name?
15	special conditions, is my understanding.	15	A. Anthony Scott Hughes.
16	MR. LUDDER: Okay. No further	16	Q. Thank you. Where are you
17	questions.	17	employed?
18	HEARING OFFICER: Mr. Carter?	18	A. I am employed with the Alabama
19	CROSS-EXAMINATION	19	Department of Environmental Management. I am
20	BY MR. CARTER:	20	the Chief of the Field Operations Division.
21	Q. Mr. Wells, just briefly. You just	21	Q. And how many years have you been
22	mentioned the 401 Water Quality Certification.	22	employed with the Department?
23	You said it's not a permit, it's a	23	A. I've been with the Department
	Page 565		Page 567
1		1	
1 2	certification. Was do you know if since	1 2	since August of '89, so going close to 27 years.
	certification. Was do you know if since you've been the project engineer, was that		since August of '89, so going close to 27 years. Q. Okay. Pretty close. How long
2	certification. Was do you know if since	2	since August of '89, so going close to 27 years.
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2 3 4	certification. Was do you know if since you've been the project engineer, was that challenged in any way?  A. I'm not aware.  Q. Was the Corps permit challenged in	2 3 4	since August of '89, so going close to 27 years.  Q. Okay. Pretty close. How long have you been Chief of the Field Operations
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2 3 4 5 6	certification. Was do you know if since you've been the project engineer, was that challenged in any way?  A. I'm not aware.  Q. Was the Corps permit challenged in any way?	2 3 4 5 6	since August of '89, so going close to 27 years.  Q. Okay. Pretty close. How long have you been Chief of the Field Operations Division?  A. I've been entered that position November of '14.
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2 3 4 5 6 7 8	certification. Was do you know if since you've been the project engineer, was that challenged in any way?  A. I'm not aware.  Q. Was the Corps permit challenged in any way?  A. I'm not aware. I don't believe it was, no.	2 3 4 5 6 7 8	since August of '89, so going close to 27 years.  Q. Okay. Pretty close. How long have you been Chief of the Field Operations Division?  A. I've been entered that position November of '14.  Q. 2014?  A. So about a year and a half.
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1	A. I worked in the Under began as	1	application to the Corps, as well as to the
2	an environmental scientist in the Underground	2	Department.
3	Storage Tank Program. I eventually moved up to	3	Q. Okay, okay. And is it an
4	manage that program prior to moving over to the	4	application to the Department for a permit, or
5	Air Division.	5	for a Water Quality Certification?
6	Q. Okay. Could you tell us what a	6	A. It is a joint permit application
7	Water Quality Certification is?	7	for the 404 permit, of which the Department
8	A. A Water Quality Certification is a	8	provides the 401 certification process for that
9	certification that we provide to the Corps of	9	permit.
10	Engineers as part of their 404 permitting	10	Q. All right. So the
11	process.	11	application the joint application is an
12	Q. And what is the 404 permitting	12	application for a 404 permit from the Corps, and
13	process? Or what does 404 relate to?	13	an application for a Water Quality Certification
14	A. 404 is a permitting process that	14	under 401
15	the Corps of Engineers implements that deals	15	A. That would be correct.
16	with the filling in of wetland	16	Q to the Department, correct?
17	material wetlands, and as well as dredging.	17	A. Correct.
18	Q. Does it also address filling of	18	Q. Okay. So that's how the process
19	streams?	19	begins? What happens after that?
20	A. It does address filling of streams	20	A. At that point in time, the Corps
21	as well.	21	goes through a process of evaluating doing
22	Q. And dredging of streams?	22	their evaluation. Ultimately, they get to a
23	A. Right.	23	public notice, where they implement a public
	Page 569		Page 571
1	Q. And the Corps of Engineers, are	1	notice, go through a public comment period,
2	they responsible for issuing a permit to	2	allow interested parties to submit comments on
3	authorize filling or dredging of wetlands or	3	the proposed activity. Once that process is
4	streams?	4	complete, they submit to the Department a

14

17

- 5 A. I believe that is correct, but
- I -- again, that's probably something that would 6
- need to be directed to the Corps of Engineers,
- as far as what their specific activities are. 8
- Q. Okay. When you -- how does the 9
- process work to -- to obtain Department Water 10
- **Quality Certification?** 11
- A. A joint permit application is 12
- submitted by the applicant. 13
  - Q. "Joint," meaning what?
- A. It is to the -- our Department as 15
- well as to the Corps of Engineers. 16
  - Q. A permit application?
- A. Correct. 18
- Q. So the Department and the City of 19
- 20 Dothan, in this case, submit a permit
- application to the Corps? 21
- 22 A. The Department does not. The
- 23 applicant submits what is called a joint

- request for certification. Upon receiving that
- request from the Corps for certification, we go
- through our review process, and determine
- whether or not certification can be issued, and
- ultimately, issue a 401 Water Quality
- 10 Certification.

11

- Q. And what happens -- is that the
- end of the process? 12
- A. From our standpoint, that's the 13
- end of the process. 14
- Q. Okay. Now, does the Department 15
- have any rules that address how the Department 16
- is to manage or issue Water Quality 17
- Certifications? 18
- A. We do not have specific 401 19
  - Water Quality safe -- Water Quality
- 21 Certification rules.
  - Q. Okay. So you do it based on what?
    - A. Based on the statute from Section

22

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	Page 572		Page 574		
1	401 of the Clean Water Act.	1	from the Corps of Engineers for Water Quality		
2	Q. Okay. Now, is a is a Water	2	Certification.		
3	Quality Certification considered to be a	3	Q. All right. And then what happened		
4	permit considered to be an NPDES permit from	4	following that request?		
5	the Department?	5	A. Following that request, we did a		
6	A. It is not. It is a certification.	6	review of the information that had been		
7	Q. Is a Water Quality Certification	7	submitted to the Department, and we issued a 401		
8	considered to be a permit under the Alabama	8	Water Quality Certification for the project.		
9	Water Pollution Control Act?	9	Q. Okay. Let me show you what has		
10	A. It is not.	10	been marked as Exhibit P-2 for identification.		
11	Q. Now, you mentioned a joint public	11	HEARING OFFICER: Is that 2, David?		
12	notice. Did ADEM and the Corps of Engineers	12	MR. LUDDER: P-2.		
13	issue a joint public notice for the proposed	13	BY MR. LUDDER:		
14	discharge of fill material into waters of the	14	Q. Does that appear to be the Water		
15	United States associated with the proposed	15	Quality Certification for this Dothan landfill		
16	Dothan landfill expansion?	16	project or excuse me for the Corps of		
17	A. Yes. A a joint public notice	17	Engineers' permit?		
18	was issued for that process.	18	A. Yes, it does appear to be the		
19	Q. All right. Let me show you	19	Water Quality Certification that was issued by		
20	Exhibit J-9. Is that the notice that you're	20	the Department.		
21	referring to?	21	Q. Does it appear to be complete?		
22	A. This does look like the joint	22	A. It does appear to be complete.		
23	public notice that was issued for this project.	23	Q. All right. Does that Water		
	Page 573		Page 575		
1	Q. Okay. Do you recall if Exhibit	1	Quality Certification require the City to ensure		
2	P-4 was part of that notice?	2	compliance with applicable requirements of ADEM		
3	A. I do not recall that specifically.	3	Administrative Code Chapter 335-6-6 National		
4	Q. I'm sorry?	4	Pollutant Discharge Elimination System?		
5	A. But it does I'm sorry. I	5	A. It does reference that, as well as		
6	believe the map was a part of the public notice.	6	another chapter, Water Use Classifications.		
7	Q. All right. There is a map	7	Q. Water Use Classifications, you		
8	attached to J-9, correct?	8	said?		
9	A. Correct.	9	A. Right. Chapter 335-6-11.		
10	Q. And it's a black-and-white map,	10	Q. And does it also reference		
11	correct?	11	335-6-10, Water Quality Criteria?		
12	A. That is correct.	12	A. That is correct.		
13	Q. And does P-4 appear to be the same	13	Q. Okay. So this Water Quality		
14	map, but in color?	14	Certification, does that impose a condition of		
15	A. It does appear to be the same map.	15	the Corps of Engineers' permit that the		
16	Q. Okay. So all right. And so	16	Permittee must ensure compliance with those		
17	after that public notice, what did the	17	provisions?		
18	Department do regarding the Water Quality	18	A. Yes.		
19	Certification?	19	Q. Does the Water Quality		
20	A. Well, the Department the public	20	Certification beget a condition of the Corps of		
21	notice was initiated by the Corps, and once the	21	Engineers' permit?		
22		1	A T 1 1' 1 1 1 TO		
22	public notice once the public comment period was complete, the Department received a request	22	A. I believe that is correct. These special conditions are incorporated into the		

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1	Corps permit.	1	Q. Okay. Did you have any
2	Q. Okay. And so this condition that	2	coordination with the Water Division regarding
3	we're looking at, I believe it's on Page	3	any permits that they might that they might
4	1 and it's the paragraph numbered 1 it	4	be responsible for issuing?
5	refers to several chapters of the Administrative	5	A. We did not.
6	Code. Those are now conditions of the permit,	6	Q. Did you I withdraw the
7	the Corps of Engineers' permit, correct?	7	question.
8	A. That is correct.	8	MR. LUDDER: No further questions.
9	Q. Okay. Does the Water Quality	9	HEARING OFFICER: Cross?
10	Certification require the City of Dothan to	10	CROSS-EXAMINATION
11	comply with the Alabama Water Pollution Control	11	BY MR. CARTER:
12	Act?	12	Q. Mr. Hughes, just briefly, let
13	A. I am not sure about that.	13	me now, you have one exhibit up
14	Q. All right. Let's look at	14	there which is the Water Quality
15	the on Page 3, the second-to-last paragraph.	15	Certification already; is that correct?
16	Would you read that first sentence?	16	A. That's correct.
17	A that starts with, Issuance of a	17	Q. Okay. Now, you're head of the
18	certification?	18	Field Operations Division. You require I
19	Q. Yes.	19	mean, do y'all put records on eFile?
20	A. The issuance of a certification by	20	A. Yes.
21	ADEM neither precludes nor negates an	21	Q. Okay. And now
22	operator/owner's responsibility or liability to	22	MR. CARTER: I'm going to mark it
23	apply for, obtain, or comply with other ADEM,	23	as Number 3, Respondent's 3.
	Page 577		Page 579
1	federal, state, or local government permits,	1	BY MR. CARTER:
2	certifications, licenses, or other approvals.	2	Q. Okay. If you would, take a look
3	Q. All right. Are you aware that the	3	at Respondent's Exhibit Number 3 right there,
4	Alabama Water Pollution Control Act requires a	4	and tell me what that is. You can open it up.
5	permit for every discharge of pollutants to	5	I don't think I
6	waters?	6	A. Description: Section 401 Water
7	A. I I am not.	7	Quality Certification.
8	Q. Okay. And if you would, look	8	Q. Okay. And now the first part of
9	at on Page 1, the paragraph numbered 2. And	9	it, is that the same as the exhibit I think that
10	read the first sentence there, beginning with,	10	was previously marked and entered into evidence?
11	Please be advised.	11	That's the the 401 Water Quality
12	A. Please be advised that ADEM permit	12	Certification with Special Conditions; is that
13	coverage may be required prior to commencing and	13	right?
14	and/or continuing certain activities/operations	14	A. That is correct, and it does
15	relating to or resulting from the project.	15	appear to be consistent.
16	Q. Okay. Was the extent of your	16	Q. Okay. And now, in that document
17	involvement with the Dothan landfill project the	17	I've provided with you, there is additional
18	issuance of this Water Quality Certification?	18	document documents attached to it or added
19	A. That is correct.	19	onto that particular file. Can you identify
20	Q. You had no no coordination	20	those or tell the Hearing Officer what those are
21	with, say, the Land Division, regarding the	21	there for?
22	solid waste permit?	22	A. This is a Department of Army
23	A. We did not.	23	application for the Dothan landfill expansion.
1		1	

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1	Q. Okay. So there's a couple hundred	1	Quality or 401 excuse me, I'm sorry 401
2	pages of documents there. Would that be	2	Clean Water Act permit?
3	basically, the file, I guess, for lack of a	3	A. I am not aware of any any
4	better word, that Field Ops would have used in	4	exemption.
5	evaluating the 401?	5	MR. CARTER: Okay. Nothing further
6	A. Yes. This this appears to be	6	at this time.
7	the the file, as well as the enclosed public	7	HEARING OFFICER: Mr. White? What?
8	notice from the Department of Army Corps of	8	MR. LUDDER: He said, No, I
9	Engineers.	9	believe.
10	Q. Okay. Now, in the process, are	10	HEARING OFFICER: Okay.
11	you if you can answer the question, and you	11	MR. WHITE: No, sir.
12	may not know they asked about the joint	12	REDIRECT EXAMINATION
13	public notice. Do you know were there any	13	BY MR. LUDDER:
14	comments to the joint public notice?	14	Q. Mr. Hughes, do you know how the
15	A. I do not believe there were any	15	Corps of Engineers provides public notice of
16	comments.	16	their dredge and fill permits?
17	Q. Okay. Now, as for the	17	A. I do not. That would be a
18	certification that's issued, is that an action	18	question that would have to be directed to the
19	for the Department that would be a final action	19	Corps.
20	and be appealable?	20	Q. All right. You don't have any
21	A. That is a final action by the	21	idea how they do it? Or where the notice is
22	Department. It could be appealed.	22	circulated?
23	Q. Okay. Did anybody ever appeal the	23	A. I do not.
	Page 581		Page 583
1	Water Quality Certification 401 Water Quality	1	Q. Okay. Do you often get comments
2	Certification?	2	on proposed Water Quality Certifications?
3	A. There was no appeal to that 401	3	A. There are comments that are
4	Water Quality Certification.	4	submitted to the Corps, yes.
5	Q. Okay. And now also, you answered	5	Q. All right. Does how often does
6	a few questions in reference to "Special	6	that occur?
7	Conditions." I think they're outlined on the	7	A. Again, that's a that's a Corps
8	Water Quality Certification. Do you know, are	8	of Engineers' function that that when
9	those did those become part of the Corps	9	comments are submitted, they are they go to
10	permit?	10	the Corps. We typically get copies, but I
11	A. Yes. Those are incorporated as	11	cannot speculate or estimate on how often or
1.0	anasial conditions in the Come name	10	what parantage that is

special conditions in the Corps permit. 12 13 Q. Okay. And now what about -- okay. You were asked -- I think you 14 were asked a few minutes ago if there were other 15 16 regulations that applied to the 401 Water Quality Certification as well. I think you read 17 those off, that those applied to the Clean Water 18 Act and some other things? 19 A. Yes. 20 Q. Okay. Are you aware or -- is 21 22 there an exemption that exists for an NPDES

permit coverage as it pertains to a 401 Water

what percentage that is. 12 13 Q. Okay. If -- if comments are received by the Corps that relate to the terms of the Water Quality Certification, would the 16 Corps ask the Department to respond to those comments? 17 A. Typically, the Corps requests the 18 applicant to respond to any comments and address 19 any issues that are brought up, and if those 20 issues are related to the 401 Water Quality 21 22 Certification, there could be correspondence -- there could be communications 23

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1	between the Department and Corps on that issues.	1	on board a vessel; or
2	Q. And do you have any idea how often	2	Part 3, Any waste resulting from any
3	that occurs?	3	operations of a vessel in use for a purpose
4	A. I do not.	4	other than a means of transportation.
5	MR. LUDDER: Okay. No further	5	And then Part 1(b), Of dredged or fill
6	questions.	6	material which is regulated under Section 404 of
7	HEARING OFFICER: Mr. Carter?	7	the FWPCA.
8	RECROSS EXAMINATION	8	Q. And that FWPCA would mean the
9	BY MR. CARTER:	9	A. Federal Water Pollution Control
10	Q. If you would, please, this is	10	Act.
11	the the ADEM Water Quality Water Division	11	MR. CARTER: Okay. Thank you.
12	Water Quality Program, Chapter 335-6-6 NPDES	12	That's all. That's all, Your Honor.
13	regulations. And if you would, read	13	HEARING OFFICER: Mr. White?
14	335-6-603. It's going to be (a), 3 (b).	14	MR. WHITE: Nothing further.
15	MR. SASSER: Very good.	15	HEARING OFFICER: All right. May
16	A. (a), 3, (b).	16	this Witness be excused and excused
17	Q. Right. Well, if you would	17	from the rule?
18	start I guess, start with the first part and	18	MR. LUDDER: Yes.
19	then read.	19	MR. SASSER: Yes.
20	A. Okay. Part 1, No person shall	20	HEARING OFFICER: Thank you, sir.
21	discharge pollutants into waters of the State	21	You're ready to go.
22	without first having obtained a valid NPDES	22	(A brief recess was taken.)
23	permit or coverage under a valid General NPDES	23	MR. CARTER: Your Honor, I think I
	D 505		B 50-
	Page 585		Page 587
1	Permit unless such discharge is (a) Of sewage	1	asked everybody if it was okay, but I
2	from vessels, effluent from properly functioning	2	move to admit P it would be
3	marine engines, laundry, shower, and galley sink	3	Respondent 3, which was the Water
4	wastes, or any other discharge incidental to the	4	Quality Certification.
5	normal operation of a vessel. This exclusion	5	HEARING OFFICER: You said 3?
6	does not apply to	6	MR. LUDDER: Your Honor, the
7	And then it lists three issues. You want	7	Petitioners would like to offer for
8	me to read those three, or just go to (b)?	8	admission Exhibit P-2.
9	Q. You can read all three, to be	9	HEARING OFFICER: P-2?
10	complete.	10	MR. LUDDER: P-2.
11	A. Okay.	11	HEARING OFFICER: Okay. It's
12	Again, This exclusion does not apply to:	12	admitted.
13	The discharge of any solid wastes, garbage,	13	(Exhibit No. P-2 was admitted
14	ashes, rubbish, or hazardous waste within the	14	into evidence.)
15	meaning of Code of Alabama (1975), 22-27-2 (1984	15	HEARING OFFICER: And R-3?
16	Rplc. Volume), any other pollutant, industrial	16	MR. CARTER: Yes, sir. It would be
17	waste or any other waste within the meaning of	17	Respondents 3.
18	Code of Alabama (1975), 22-22-1(b) (1984 Rplc.	18	HEARING OFFICER: Okay.
19	Volume), or any discharge in violation of rule	19	MR. SASSER: And you got R-2?
20	335-6-602.	20	HEARING OFFICER: I just had a
21	Part 2, Waste resulting from the improper	21	little mixed up. It's not already in?
22	operation of vessel, or from the improper	22	Okay. And it's admitted.
23	storage or handling of a solid or liquid product	23	MR. CARTER: And, Your Honor, R-2,

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1	if I neglected to do that earlier.	1	A. I would do the initial review of
2	HEARING OFFICER: I'm not sure you	2	the joint public notice when it came out.
3	admitted R-2. What is R-2? Is it the	3	Q. And you're referring to a joint
4	map?	4	public notice issued by who?
5	MR. CARTER: That would be the	5	A. The U.S. Army Corps of Engineers.
6	Corps permit [verbatim].	6	Q. Okay. And go ahead and proceed,
7	HEARING OFFICER: Okay. R-1, -2,	7	please.
8	and -3 are admitted.	8	A. And we do the initial review from
9	(Exhibits No. R-1 and R-2 were	9	the joint public notice from the Corps, and we
10	previously admitted into	10	then do a fee letter and information request,
11	evidence.)	11	that would then be reviewed by Richard Hulcher,
12	(Exhibit No. R-3 was admitted	12	my immediate supervisor.
13	into evidence.)	13	Q. And what would that information
14	MR. CARTER: Thank you.	14	request be about?
15	HEARING OFFICER: Call your next	15	A. Depending on the project, would be
16	Witness, Mr. Ludder.	16	the fee for the processing part of it, and then
17	MR. LUDDER: The Petitioners call	17	any information that was needed for us to make
18	James McAfee.	18	our determination at that time.
19	HEARING OFFICER: Mr. McAfee, the	19	Q. Okay. And do you recall making
20	court reporter will swear you in. If	20	such an information request to the City of
21	you'll raise your right hand.	21	Dothan in the regarding the Dothan landfill?
22	(The Witness was duly sworn.)	22	A. Yes, sir.
23		23	Q. And do you recall what kind of
	Page 589		Page 591
1	Page 589 DIRECT EXAMINATION	1	Page 591 information you sought from the City?
1 2	-	1 2	
	DIRECT EXAMINATION		information you sought from the City?
2	DIRECT EXAMINATION BY MR. LUDDER:	2	information you sought from the City?  A. Not right offhand.  Q. Okay. Is it do you know if the  Department has any kind of rules regarding the
2	DIRECT EXAMINATION BY MR. LUDDER: Q. Would you please state your full name? A. James Robert McAfee.	2	information you sought from the City?  A. Not right offhand.  Q. Okay. Is it do you know if the
2 3 4	DIRECT EXAMINATION BY MR. LUDDER: Q. Would you please state your full name? A. James Robert McAfee. Q. And where are you employed?	2 3 4	information you sought from the City?  A. Not right offhand. Q. Okay. Is it do you know if the Department has any kind of rules regarding the issuance of Water Quality Certifications? A. No, sir.
2 3 4 5	DIRECT EXAMINATION BY MR. LUDDER: Q. Would you please state your full name? A. James Robert McAfee. Q. And where are you employed? A. Alabama Department of	2 3 4 5	information you sought from the City?  A. Not right offhand.  Q. Okay. Is it do you know if the Department has any kind of rules regarding the issuance of Water Quality Certifications?  A. No, sir.  Q. You don't know, or there are no
2 3 4 5 6	DIRECT EXAMINATION BY MR. LUDDER: Q. Would you please state your full name? A. James Robert McAfee. Q. And where are you employed? A. Alabama Department of Environmental Management.	2 3 4 5 6	information you sought from the City?  A. Not right offhand. Q. Okay. Is it do you know if the Department has any kind of rules regarding the issuance of Water Quality Certifications?  A. No, sir. Q. You don't know, or there are no rules? Do you know which?
2 3 4 5 6 7	DIRECT EXAMINATION BY MR. LUDDER: Q. Would you please state your full name? A. James Robert McAfee. Q. And where are you employed? A. Alabama Department of Environmental Management. Q. How long have you been employed	2 3 4 5 6 7	information you sought from the City?  A. Not right offhand. Q. Okay. Is it do you know if the Department has any kind of rules regarding the issuance of Water Quality Certifications? A. No, sir. Q. You don't know, or there are no rules? Do you know which? A. You want to ask again?
2 3 4 5 6 7 8	DIRECT EXAMINATION BY MR. LUDDER: Q. Would you please state your full name? A. James Robert McAfee. Q. And where are you employed? A. Alabama Department of Environmental Management. Q. How long have you been employed there?	2 3 4 5 6 7 8	information you sought from the City?  A. Not right offhand. Q. Okay. Is it do you know if the Department has any kind of rules regarding the issuance of Water Quality Certifications?  A. No, sir. Q. You don't know, or there are no rules? Do you know which? A. You want to ask again? Q. Yeah. Do you know if the
2 3 4 5 6 7 8	DIRECT EXAMINATION BY MR. LUDDER: Q. Would you please state your full name? A. James Robert McAfee. Q. And where are you employed? A. Alabama Department of Environmental Management. Q. How long have you been employed there? A. Just about 15 years.	2 3 4 5 6 7 8 9 10	information you sought from the City?  A. Not right offhand. Q. Okay. Is it do you know if the Department has any kind of rules regarding the issuance of Water Quality Certifications?  A. No, sir. Q. You don't know, or there are no rules? Do you know which? A. You want to ask again? Q. Yeah. Do you know if the Department has rules regarding Water Quality
2 3 4 5 6 7 8 9 10 11	DIRECT EXAMINATION BY MR. LUDDER: Q. Would you please state your full name? A. James Robert McAfee. Q. And where are you employed? A. Alabama Department of Environmental Management. Q. How long have you been employed there? A. Just about 15 years. Q. In what capacity have you been	2 3 4 5 6 7 8 9	information you sought from the City?  A. Not right offhand. Q. Okay. Is it do you know if the Department has any kind of rules regarding the issuance of Water Quality Certifications? A. No, sir. Q. You don't know, or there are no rules? Do you know which? A. You want to ask again? Q. Yeah. Do you know if the Department has rules regarding Water Quality Certifications?
2 3 4 5 6 7 8 9 10	DIRECT EXAMINATION BY MR. LUDDER: Q. Would you please state your full name? A. James Robert McAfee. Q. And where are you employed? A. Alabama Department of Environmental Management. Q. How long have you been employed there? A. Just about 15 years. Q. In what capacity have you been employed?	2 3 4 5 6 7 8 9 10	information you sought from the City?  A. Not right offhand. Q. Okay. Is it do you know if the Department has any kind of rules regarding the issuance of Water Quality Certifications?  A. No, sir. Q. You don't know, or there are no rules? Do you know which? A. You want to ask again? Q. Yeah. Do you know if the Department has rules regarding Water Quality Certifications? A. No, sir. There are no rules.
2 3 4 5 6 7 8 9 10 11 12 13	DIRECT EXAMINATION BY MR. LUDDER: Q. Would you please state your full name? A. James Robert McAfee. Q. And where are you employed? A. Alabama Department of Environmental Management. Q. How long have you been employed there? A. Just about 15 years. Q. In what capacity have you been employed? A. Been in the Field Operations for	2 3 4 5 6 7 8 9 10 11 12 13	information you sought from the City?  A. Not right offhand. Q. Okay. Is it do you know if the Department has any kind of rules regarding the issuance of Water Quality Certifications? A. No, sir. Q. You don't know, or there are no rules? Do you know which? A. You want to ask again? Q. Yeah. Do you know if the Department has rules regarding Water Quality Certifications? A. No, sir. There are no rules. Q. Okay. Do you know if the Water
2 3 4 5 6 7 8 9 10 11 12 13 14	DIRECT EXAMINATION BY MR. LUDDER: Q. Would you please state your full name? A. James Robert McAfee. Q. And where are you employed? A. Alabama Department of Environmental Management. Q. How long have you been employed there? A. Just about 15 years. Q. In what capacity have you been employed? A. Been in the Field Operations for the previous 15, except for the last couple of	2 3 4 5 6 7 8 9 10 11 12 13 14	information you sought from the City?  A. Not right offhand. Q. Okay. Is it do you know if the Department has any kind of rules regarding the issuance of Water Quality Certifications?  A. No, sir. Q. You don't know, or there are no rules? Do you know which? A. You want to ask again? Q. Yeah. Do you know if the Department has rules regarding Water Quality Certifications? A. No, sir. There are no rules. Q. Okay. Do you know if the Water Quality Certification is considered to be a
2 3 4 5 6 7 8 9 10 11 12 13 14 15	DIRECT EXAMINATION BY MR. LUDDER: Q. Would you please state your full name? A. James Robert McAfee. Q. And where are you employed? A. Alabama Department of Environmental Management. Q. How long have you been employed there? A. Just about 15 years. Q. In what capacity have you been employed? A. Been in the Field Operations for the previous 15, except for the last couple of days, in the Air Division.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	information you sought from the City?  A. Not right offhand. Q. Okay. Is it do you know if the Department has any kind of rules regarding the issuance of Water Quality Certifications?  A. No, sir. Q. You don't know, or there are no rules? Do you know which? A. You want to ask again? Q. Yeah. Do you know if the Department has rules regarding Water Quality Certifications? A. No, sir. There are no rules. Q. Okay. Do you know if the Water Quality Certification is considered to be a permit under the National Pollutant Discharge
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	DIRECT EXAMINATION BY MR. LUDDER: Q. Would you please state your full name? A. James Robert McAfee. Q. And where are you employed? A. Alabama Department of Environmental Management. Q. How long have you been employed there? A. Just about 15 years. Q. In what capacity have you been employed? A. Been in the Field Operations for the previous 15, except for the last couple of days, in the Air Division. Q. Okay. While you were working in	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	information you sought from the City?  A. Not right offhand. Q. Okay. Is it do you know if the Department has any kind of rules regarding the issuance of Water Quality Certifications? A. No, sir. Q. You don't know, or there are no rules? Do you know which? A. You want to ask again? Q. Yeah. Do you know if the Department has rules regarding Water Quality Certifications? A. No, sir. There are no rules. Q. Okay. Do you know if the Water Quality Certification is considered to be a permit under the National Pollutant Discharge Elimination System?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	DIRECT EXAMINATION BY MR. LUDDER: Q. Would you please state your full name? A. James Robert McAfee. Q. And where are you employed? A. Alabama Department of Environmental Management. Q. How long have you been employed there? A. Just about 15 years. Q. In what capacity have you been employed? A. Been in the Field Operations for the previous 15, except for the last couple of days, in the Air Division. Q. Okay. While you were working in the Field Operations Division, did you have	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	information you sought from the City?  A. Not right offhand. Q. Okay. Is it do you know if the Department has any kind of rules regarding the issuance of Water Quality Certifications?  A. No, sir. Q. You don't know, or there are no rules? Do you know which? A. You want to ask again? Q. Yeah. Do you know if the Department has rules regarding Water Quality Certifications?  A. No, sir. There are no rules. Q. Okay. Do you know if the Water Quality Certification is considered to be a permit under the National Pollutant Discharge Elimination System?  A. No, sir. The 401 is under the
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	DIRECT EXAMINATION BY MR. LUDDER: Q. Would you please state your full name? A. James Robert McAfee. Q. And where are you employed? A. Alabama Department of Environmental Management. Q. How long have you been employed there? A. Just about 15 years. Q. In what capacity have you been employed? A. Been in the Field Operations for the previous 15, except for the last couple of days, in the Air Division. Q. Okay. While you were working in the Field Operations Division, did you have occasion to work on a Water Quality	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	information you sought from the City?  A. Not right offhand. Q. Okay. Is it do you know if the Department has any kind of rules regarding the issuance of Water Quality Certifications?  A. No, sir. Q. You don't know, or there are no rules? Do you know which? A. You want to ask again? Q. Yeah. Do you know if the Department has rules regarding Water Quality Certifications? A. No, sir. There are no rules. Q. Okay. Do you know if the Water Quality Certification is considered to be a permit under the National Pollutant Discharge Elimination System? A. No, sir. The 401 is under the Clean Water Act Federal Clean Water Act
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	DIRECT EXAMINATION BY MR. LUDDER: Q. Would you please state your full name? A. James Robert McAfee. Q. And where are you employed? A. Alabama Department of Environmental Management. Q. How long have you been employed there? A. Just about 15 years. Q. In what capacity have you been employed? A. Been in the Field Operations for the previous 15, except for the last couple of days, in the Air Division. Q. Okay. While you were working in the Field Operations Division, did you have occasion to work on a Water Quality Certification relating to the Dothan landfill? A. Yes, sir.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	information you sought from the City?  A. Not right offhand. Q. Okay. Is it do you know if the Department has any kind of rules regarding the issuance of Water Quality Certifications?  A. No, sir. Q. You don't know, or there are no rules? Do you know which? A. You want to ask again? Q. Yeah. Do you know if the Department has rules regarding Water Quality Certifications?  A. No, sir. There are no rules. Q. Okay. Do you know if the Water Quality Certification is considered to be a permit under the National Pollutant Discharge Elimination System?  A. No, sir. The 401 is under the Clean Water Act Federal Clean Water Act Section 401, hence the name. Q. Okay. And is the Water Quality
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1	have to ask someone else.	1	Q. Okay. And are the is the
2	Q. Okay. When you reviewed the joint	2	condition on Page 1 of the paragraph that has
3	public notice and the information you got from	3	the number one next to it, is that a condition
4	the City of Dothan, were you the one who drafted	4	that's included in all Water Quality
5	the Water Quality Certification?	5	Certifications?
6	A. I would do the draft	6	A. I don't know if it's included in
7	certification, yes, sir.	7	all of them or not, but it's one of the main
8	Q. And when you completed that draft,	8	ones that we normally use. But I can't tell you
9	what would you do with it?	9	that it's going to be in every single one.
10	A. You [verbatim] would take the	10	Q. All right. And would your answer
11	certification and all the information to my	11	be the same with regard to the paragraph that
12	immediate supervisor, Richard Hulcher, for his	12	has the number two next to it?
13	review.	13	A. Yes, sir, being that I don't see
14	Q. Okay. And who would actually	14	all the certifications we do, I wouldn't be able
15	issue the Water Quality Certification?	15	to tell you what's in all of them.
16	A. The certification is signed by	16	Q. Right. But you would expect it to
17	Mr. Scott Hughes.	17	be in all of them?
18	Q. All right. And in this case, he	18	A. Like I said, it's one of the main
19	signed the certification for the Dothan	19	paragraphs, so
20	landfill, correct?	20	Q. It's part of a template, isn't it?
21	A. Yes, sir.	21	A. We have certain conditions that we
22	Q. And you just referred to Exhibit	22	have to look at, normally.
23	P-2; is that right?	23	Q. And the second-to-last paragraph
	Page 593		Page 595
1	Page 593  A. That's correct.	1	Page 595 on Page 3, would that also be a paragraph that
1 2		1 2	
	A. That's correct.		on Page 3, would that also be a paragraph that
2	<ul><li>A. That's correct.</li><li>Q. Okay. Does the do you recall</li></ul>	2	on Page 3, would that also be a paragraph that is I would call a template or boilerplate
2	<ul><li>A. That's correct.</li><li>Q. Okay. Does the do you recall if Richard Hulcher asked you to revise any</li></ul>	2	on Page 3, would that also be a paragraph that is I would call a template or boilerplate language that's included in most Water Quality
2 3 4	A. That's correct. Q. Okay. Does the do you recall if Richard Hulcher asked you to revise any conditions in the Water Quality Certification?	2 3 4	on Page 3, would that also be a paragraph that is I would call a template or boilerplate language that's included in most Water Quality Certifications?
2 3 4 5	A. That's correct. Q. Okay. Does the do you recall if Richard Hulcher asked you to revise any conditions in the Water Quality Certification? A. I can't recollect him asking	2 3 4 5	on Page 3, would that also be a paragraph that is I would call a template or boilerplate language that's included in most Water Quality Certifications?  A. Are you looking at the paragraph
2 3 4 5	A. That's correct. Q. Okay. Does the do you recall if Richard Hulcher asked you to revise any conditions in the Water Quality Certification? A. I can't recollect him asking Q. You can't recollect?	2 3 4 5 6	on Page 3, would that also be a paragraph that is I would call a template or boilerplate language that's included in most Water Quality Certifications?  A. Are you looking at the paragraph or a condition, Mr. Ludder?
2 3 4 5 6 7	A. That's correct. Q. Okay. Does the do you recall if Richard Hulcher asked you to revise any conditions in the Water Quality Certification? A. I can't recollect him asking Q. You can't recollect? A to revise anything.	2 3 4 5 6 7	on Page 3, would that also be a paragraph that is I would call a template or boilerplate language that's included in most Water Quality Certifications?  A. Are you looking at the paragraph or a condition, Mr. Ludder?  Q. I'm sorry. I guess the
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2 3 4 5 6 7 8 9 10 11	A. That's correct. Q. Okay. Does the do you recall if Richard Hulcher asked you to revise any conditions in the Water Quality Certification? A. I can't recollect him asking Q. You can't recollect? A to revise anything. Q. I'm sorry? A. I can't recollect him to revise anything or asking for a revision. Q. Okay. So you think it was approved as you had drafted it?	2 3 4 5 6 7 8 9 10 11	on Page 3, would that also be a paragraph that is I would call a template or boilerplate language that's included in most Water Quality Certifications?  A. Are you looking at the paragraph or a condition, Mr. Ludder?  Q. I'm sorry. I guess the paragraph second-to-last paragraph, starting with, Issuance of a certification?  A. That's yeah, that comes out of a boilerplate.  MR. LUDDER: Okay. No further
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2 3 4 5 6 7 8 9 10 11 12 13 14	A. That's correct. Q. Okay. Does the do you recall if Richard Hulcher asked you to revise any conditions in the Water Quality Certification? A. I can't recollect him asking Q. You can't recollect? A to revise anything. Q. I'm sorry? A. I can't recollect him to revise anything or asking for a revision. Q. Okay. So you think it was approved as you had drafted it? A. I believe so. Q. Does the Water Quality Certification that you drafted require the City	2 3 4 5 6 7 8 9 10 11 12 13 14	on Page 3, would that also be a paragraph that is I would call a template or boilerplate language that's included in most Water Quality Certifications?  A. Are you looking at the paragraph or a condition, Mr. Ludder?  Q. I'm sorry. I guess the paragraph second-to-last paragraph, starting with, Issuance of a certification?  A. That's yeah, that comes out of a boilerplate.  MR. LUDDER: Okay. No further questions.  HEARING OFFICER: Cross?  CROSS-EXAMINATION  BY MR. CARTER:  Q. If you would, in front of you is
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A. That's correct. Q. Okay. Does the do you recall if Richard Hulcher asked you to revise any conditions in the Water Quality Certification? A. I can't recollect him asking Q. You can't recollect? A to revise anything. Q. I'm sorry? A. I can't recollect him to revise anything or asking for a revision. Q. Okay. So you think it was approved as you had drafted it? A. I believe so. Q. Does the Water Quality Certification that you drafted require the City of Dothan to comply with the Alabama Water	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	on Page 3, would that also be a paragraph that is I would call a template or boilerplate language that's included in most Water Quality Certifications?  A. Are you looking at the paragraph or a condition, Mr. Ludder?  Q. I'm sorry. I guess the paragraph second-to-last paragraph, starting with, Issuance of a certification?  A. That's yeah, that comes out of a boilerplate.  MR. LUDDER: Okay. No further questions.  HEARING OFFICER: Cross?  CROSS-EXAMINATION BY MR. CARTER:
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. That's correct. Q. Okay. Does the do you recall if Richard Hulcher asked you to revise any conditions in the Water Quality Certification? A. I can't recollect him asking Q. You can't recollect? A to revise anything. Q. I'm sorry? A. I can't recollect him to revise anything or asking for a revision. Q. Okay. So you think it was approved as you had drafted it? A. I believe so. Q. Does the Water Quality Certification that you drafted require the City of Dothan to comply with the Alabama Water Pollution Control Act? A. I believe it does, but I'd have to read it to be sure.	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	on Page 3, would that also be a paragraph that is I would call a template or boilerplate language that's included in most Water Quality Certifications?  A. Are you looking at the paragraph or a condition, Mr. Ludder?  Q. I'm sorry. I guess the paragraph second-to-last paragraph, starting with, Issuance of a certification?  A. That's yeah, that comes out of a boilerplate.  MR. LUDDER: Okay. No further questions.  HEARING OFFICER: Cross?  CROSS-EXAMINATION  BY MR. CARTER:  Q. If you would, in front of you is Respondent's Exhibit R-3.  A. Okay.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. That's correct. Q. Okay. Does the do you recall if Richard Hulcher asked you to revise any conditions in the Water Quality Certification? A. I can't recollect him asking Q. You can't recollect? A to revise anything. Q. I'm sorry? A. I can't recollect him to revise anything or asking for a revision. Q. Okay. So you think it was approved as you had drafted it? A. I believe so. Q. Does the Water Quality Certification that you drafted require the City of Dothan to comply with the Alabama Water Pollution Control Act? A. I believe it does, but I'd have to read it to be sure. Q. Could you look at it and see if	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	on Page 3, would that also be a paragraph that is I would call a template or boilerplate language that's included in most Water Quality Certifications?  A. Are you looking at the paragraph or a condition, Mr. Ludder?  Q. I'm sorry. I guess the paragraph second-to-last paragraph, starting with, Issuance of a certification?  A. That's yeah, that comes out of a boilerplate.  MR. LUDDER: Okay. No further questions.  HEARING OFFICER: Cross?  CROSS-EXAMINATION  BY MR. CARTER:  Q. If you would, in front of you is Respondent's Exhibit R-3.  A. Okay.  Q. If you would, take a look at that,
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. That's correct. Q. Okay. Does the do you recall if Richard Hulcher asked you to revise any conditions in the Water Quality Certification? A. I can't recollect him asking Q. You can't recollect? A to revise anything. Q. I'm sorry? A. I can't recollect him to revise anything or asking for a revision. Q. Okay. So you think it was approved as you had drafted it? A. I believe so. Q. Does the Water Quality Certification that you drafted require the City of Dothan to comply with the Alabama Water Pollution Control Act? A. I believe it does, but I'd have to read it to be sure. Q. Could you look at it and see if you can find any reference to that?	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	on Page 3, would that also be a paragraph that is I would call a template or boilerplate language that's included in most Water Quality Certifications?  A. Are you looking at the paragraph or a condition, Mr. Ludder?  Q. I'm sorry. I guess the paragraph second-to-last paragraph, starting with, Issuance of a certification?  A. That's yeah, that comes out of a boilerplate.  MR. LUDDER: Okay. No further questions.  HEARING OFFICER: Cross?  CROSS-EXAMINATION  BY MR. CARTER:  Q. If you would, in front of you is Respondent's Exhibit R-3.  A. Okay.  Q. If you would, take a look at that, please. Now, turn on over to the tab,

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1	special conditions.	1	Let's be in recess until approximately
2	Q. Okay. And now, attached to that	2	4:00. I'll give you a little leeway
3	particular document that we've entered right	3	on that if you need to.
4	there, there's a lot more information. And is	4	MR. LUDDER: Thank you.
5	that information I think you referenced a	5	(A brief recess was taken.)
6	while ago in your review would that be	6	HEARING OFFICER: Let's go back on
7	information you used in your review of this?	7	the record and state that. All right.
8	A. Correct. That would be the	8	It is 4:05 on Tuesday [verbatim], June
9	applicant's response to the letter.	9	1st.
10	Q. Okay. And I think we've been	10	Mr. Ludder, are you ready for
11	calling it "Water Quality Certification," but I	11	another witness?
12	think really it's "Water Quality Certification	12	MR. LUDDER: We have another
13	with Special Conditions"?	13	scheduled witness, but it's scheduled
14	A. Correct.	14	at a later time, because she is
15	Q. What's meant by "Special	15	unavailable.
16	Conditions"?	16	HEARING OFFICER: All right. And
17	A. Those are the numbered conditions	17	we discussed that y'all had agreed
18	that we put in there to make sure that the	18	that Glenda Dean would testify when
19	project does not impact the Water Quality	19	she became available. I believe she's
20	Certifications that the State has laid out.	20	on vacation, or something of that
21	Q. And are we request that those	21	nature.
22	be added into the permit by issued by the	22	MR. LUDDER: That's right.
23	Corps?	23	HEARING OFFICER: All right. Based
	•		Ţ
	Page 597		Page 599
			3
1	A. This is issued to the applicant,	1	
1 2	A. This is issued to the applicant, but it is normally inserted into the Corps of	1 2	on that, and based on our discussion,
	but it is normally inserted into the Corps of		on that, and based on our discussion, I'm going to recess for the day and
2	but it is normally inserted into the Corps of Engineers' permit as conditions that they have	2	on that, and based on our discussion, I'm going to recess for the day and expect for the Department to present
2	but it is normally inserted into the Corps of Engineers' permit as conditions that they have to go by.	2	on that, and based on our discussion, I'm going to recess for the day and expect for the Department to present their case beginning at 9:00 a.m.
2 3 4	but it is normally inserted into the Corps of Engineers' permit as conditions that they have	2 3 4	on that, and based on our discussion, I'm going to recess for the day and expect for the Department to present their case beginning at 9:00 a.m. tomorrow with whatever witnesses you
2 3 4 5	but it is normally inserted into the Corps of Engineers' permit as conditions that they have to go by. MR. CARTER: Okay. Nothing	2 3 4 5	on that, and based on our discussion, I'm going to recess for the day and expect for the Department to present their case beginning at 9:00 a.m. tomorrow with whatever witnesses you want to call. And, Mr. White, if you
2 3 4 5 6	but it is normally inserted into the Corps of Engineers' permit as conditions that they have to go by.  MR. CARTER: Okay. Nothing further.	2 3 4 5 6	on that, and based on our discussion, I'm going to recess for the day and expect for the Department to present their case beginning at 9:00 a.m. tomorrow with whatever witnesses you want to call. And, Mr. White, if you will be prepared after that to present
2 3 4 5 6 7	but it is normally inserted into the Corps of Engineers' permit as conditions that they have to go by.  MR. CARTER: Okay. Nothing further.  HEARING OFFICER: Mr. White?	2 3 4 5 6 7	on that, and based on our discussion, I'm going to recess for the day and expect for the Department to present their case beginning at 9:00 a.m. tomorrow with whatever witnesses you want to call. And, Mr. White, if you
2 3 4 5 6 7 8	but it is normally inserted into the Corps of Engineers' permit as conditions that they have to go by.  MR. CARTER: Okay. Nothing further.  HEARING OFFICER: Mr. White? MR. WHITE: No, sir.	2 3 4 5 6 7 8	on that, and based on our discussion, I'm going to recess for the day and expect for the Department to present their case beginning at 9:00 a.m. tomorrow with whatever witnesses you want to call. And, Mr. White, if you will be prepared after that to present the Intervenor's case, hopefully,
2 3 4 5 6 7 8	but it is normally inserted into the Corps of Engineers' permit as conditions that they have to go by.  MR. CARTER: Okay. Nothing further.  HEARING OFFICER: Mr. White? MR. WHITE: No, sir. HEARING OFFICER: Redirect?	2 3 4 5 6 7 8	on that, and based on our discussion, I'm going to recess for the day and expect for the Department to present their case beginning at 9:00 a.m. tomorrow with whatever witnesses you want to call. And, Mr. White, if you will be prepared after that to present the Intervenor's case, hopefully, we'll be able to complete all that
2 3 4 5 6 7 8 9	but it is normally inserted into the Corps of Engineers' permit as conditions that they have to go by.  MR. CARTER: Okay. Nothing further.  HEARING OFFICER: Mr. White?  MR. WHITE: No, sir.  HEARING OFFICER: Redirect?  MR. LUDDER: None.	2 3 4 5 6 7 8 9	on that, and based on our discussion, I'm going to recess for the day and expect for the Department to present their case beginning at 9:00 a.m. tomorrow with whatever witnesses you want to call. And, Mr. White, if you will be prepared after that to present the Intervenor's case, hopefully, we'll be able to complete all that testimony by tomorrow and then come
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1	REPORTER'S CERTIFICATE
2	STATE OF ALABAMA
3	MONTGOMERY COUNTY
4	I, Patrick Miller, Alabama Certified
5	Court Reporter No. 2037, and Commissioner for
6	the State of Alabama at Large, hereby certify
7	that on Wednesday, June 1st, 2016, I reported
8	the TESTIMONY AND PROCEEDINGS in the matter of
9	the foregoing cause, and that the pages herein
10	contain a true and accurate transcription of
11	said proceedings.
12	I further certify that I am neither kin
13	nor of counsel to the parties to said cause, nor
14	in any manner interested in the results thereof.
15	This 12th day of June, 2016.
16	
17	
18	
19	DAMPTON MILLER AGGR 2027
20	PATRICK MILLER, ACCR-2037 Commissioner for the
21	State of Alabama at Large MY LICENSE EXPIRES: 8/24/16
22	MY COMMISSION EXPIRES: 2/19/19
23	

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